EDISON INTERNATIONAL
SUSTAINABILITY
REPORT 2019

EDISON
INTERNATIONAL®

Energy for What's Ahead®

EDISON INTERNATIONAL
2019 SUSTAINABILITY REPORT

COVID-19 | INTRODUCTION | ACCELERATING A CLEAN ENERGY FUTURE | PROTECTING THE ENVIRONMENT | SERVING OUR CUSTOMERS | SUPPORTING OUR COMMUNITIES | DEDICATED TO EACH OTHER | GOVERNANCE WITH INTEGRITY | APPENDIX | 2

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Cover image:
Antelope Valley, Calif., poppy fields in April 2019

SCE's Mira Loma Battery Storage Project in Ontario, Calif.

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☀ COVID-19 RESPONSE

Our 2019 Sustainability Report is being produced in the shadow of the COVID-19 pandemic. Our company and all our stakeholders have been impacted during this unprecedented time, and our top priority is continuing to provide safe and reliable service when customers need us most.

Our principal subsidiary, Southern California Edison (SCE), actively prepares for events of all kinds, including pandemics, and has had a Pandemic Response Plan in place since 2007. In early March 2020, SCE launched the plan by activating a dedicated incident management team tasked with adapting and refining the plan to the specific circumstances of the escalating COVID-19 crisis.

When the World Health Organization (WHO) officially declared COVID-19 a pandemic on March 11, SCE was ready and took swift action to support our customers and communities while ensuring the safety of our workforce.

Both the federal government's Department of Homeland Security and the state of California recognize electric service as part of the critical infrastructure needed to effectively respond to the COVID-19 pandemic.

Our competitive business, Edison Energy,[1] which operates globally, activated a cross-functional contingency planning committee and business resiliency plan to keep the company running smoothly.

Edison International's Board of Directors is actively engaged in overseeing the Company's COVID-19 response, focusing on health and safety, human capital management, customer affordability, supply chain needs, and other business and financial impacts of the pandemic.

CARING FOR OUR CUSTOMERS
SCE's top priority is the health and safety of its employees and the public while continuing to provide safe and reliable service to all customers. The company is focused on ensuring frontline critical infrastructure sectors, like hospitals, medical clinics, research facilities, public safety agencies, water districts and telecommunications networks, have the electricity they need to fight COVID-19.

Edison Energy is focused on continuing to provide exceptional service to its customers, while helping all its stakeholders navigate the evolving energy landscape.

Bill Relief
SCE offers programs to support customers experiencing economic hardship. SCE was one of the first utilities in the country to temporarily suspend service disconnections for non-payment.

Edison International made in-kind donations of more than 30,000 N95 and P100 respirators to local hospitals in each of the largest counties in SCE's service area, while also ensuring we have enough of these respirators reserved for SCE crews as we enter fire season.

▶ Edison International's $58,000 donation to Direct Relief will help deliver medical and emergency supplies to community clinics and health centers in Southern California.

Credit: Courtesy of Direct Relief

Additionally, SCE is waiving late fees and deposit requirements and offering payment assistance options, including payment extensions and arrangements. For residential customers, SCE is promoting rate options and an analyzer tool to help customers switch to rates that might be better with new usage patterns.

For the most vulnerable customers, SCE is focused on providing relief they need as quickly as they need. SCE is waiving income verifications for a 12-month period for customers enrolled in, or who are newly qualified for, income-qualified customer programs – California Alternate Rates for Energy (CARE) and Family Electric Rate Assistance (FERA) – as well as ensuring awareness of assistance options through targeted marketing with community partners. We have also increased the amount of one-time bill relief provided by the Energy Assistance Fund (EAF) by 50%. EAF is administered by United Way and funded through shareholder, employee and customer donations.

1   Edison Energy is not the same company as Southern California Edison, the utlity, and Edison Energy is not regulated by the California Public Utilities Commission.

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COVID-19 RESPONSE

For those customers who regularly use a qualifying medical device and are eligible for SCE's Medical Baseline discount, we are suspending the requirement for a doctor's note for 12 months and moving applications online.

Focus on Critical Work

In addition to helping customers with their bills, SCE has temporarily postponed non-critical projects. For critical projects that require a temporary power outage, SCE has taken additional steps to minimize the duration and impact, such as scheduling outages on weekends or overnight and increasing the number of crews on a project by reassigning them from non-critical work.

SCE maintains COVID-related, customer-facing information on its website and has otherwise increased communications via live outbound calls, social channels and emergency response agencies to ensure customers are aware of critical, planned outages. For longer outages that may cause food spoilage, we are providing customers coupons for ice. A $50 rebate for portable power stations is also available in SCE's marketplace.

Advising Our Edison Energy[2] Customers

Edison Energy is focused on continuing to provide its customers exceptional service and created additional redundancy in its operation to support customer needs. Edison Energy is helping customers and broader stakeholders navigate COVID-19 impacts on the energy landscape. Through webinars, individual consultations and other platforms, Edison Energy is advising customers and stakeholders on COVID-19 implications related to renewable project development, energy contracts and spend, occupancy and facilities requirement changes, and sustainability objectives.

HELPING OUR COMMUNITIES RESPOND AND RECOVER

As a company with more than 130 years of history, we know we are only as strong as the communities where we live and work. We're committed to helping all our communities respond to and recover from COVID-19. In March 2020, Edison International announced a donation of $1 million to support local nonprofits providing critical services, food and other COVID-19 relief to vulnerable communities. This donation included $100,000 each to five food banks supporting customers facing food insecurity, a challenge that has intensified with the pandemic.

◄

Edison International announced a $500,000 donation to five Southern California food banks, part of a larger $1 million commitment to various nonprofits.

Credit: Courtesy of Los Angeles Regional Food Bank

In addition to the company's $1 million contribution, our employees collectively raised and donated almost $260,000 for COVID-19 related causes.

Beyond providing financial and in-kind donation support to our community partners, we are committed to supporting California's road to recovery and believe clean energy is an important part of that. Edison International President and CEO, Pedro Pizarro, serves on the Governor's Task Force on Business and Jobs Recovery and Senior Vice President of Corporate Affairs, Caroline Choi, serves on the City of Long Beach Economic Recovery Advisory Group.

Edison International's charitable causes are funded entirely by Edison International shareholders. SCE customers' utility bill payments do not fund philanthropic donations.

"

THANKS TO EDISON INTERNATIONAL'S GENEROSITY, WE WILL BE ABLE TO CONTINUE THE LIFE-CHANGING WORK THAT WILL BE NEEDED IN THE MONTHS AHEAD...TO PROVIDE FOOD ASSISTANCE AND MORE TO THOSE WHO ARE THE MOST VULNERABLE"

Gregory C. Scott, president and CEO of Community Action Partnership of Orange County

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COVID-19 RESPONSE

PARTNERING WITH OUR SUPPLY CHAIN

Our suppliers, many of whom are small, diverse and local Southern California-based businesses, are our partners in ensuring that SCE can safely deliver clean and reliable service. We utilized local businesses to help meet some of our immediate needs with personal protective equipment and other supplies. We continue to maintain close contact with our suppliers to identify and address issues.

To ensure the company can maintain business continuity for an extended and unknown period, SCE is evaluating, monitoring and mitigating supply chain risks for both materials and services. SCE has long maintained a robust in-house inventory of core business supplies, such as poles and wires. In response to COVID-19, SCE developed an inventory of consumable goods like cleaning products, paper towels, disposable products and supplies. Expanded risk assessments are also underway to understand supply chain resiliency over the long term.

SCE has not had any material supply chain disruptions since the beginning of the pandemic and anticipates having sufficient local inventory to meet business needs through 2020.

KEEPING OUR EMPLOYEES SAFE WHILE PROVIDING AN ESSENTIAL SERVICE

As the seriousness of COVID-19 became clearer, we looked for ways to minimize exposure risk and protect the health and safety of employees. SCE transitioned more than two-thirds of its employees to remote work before California Governor Newsom's stay-at-home order and retained medical expertise to help guide COVID-19-related policies and provide individual case assessments for employees. Edison Energy[3] transitioned almost its entire workforce to remote work and ensured engineers required on client sites had appropriate personal protective equipment.

SCE took additional steps to ensure the safety of those employees whose critical work required them to stay in the field or at Edison facilities, including more frequent and enhanced cleanings at staffed facilities. SCE has collaborated with union partners, including IBEW Local 47 and UWUA Local 246, to adjust working conditions for their members and the public. Linemen are assigned to "pods," and movement of personnel between crews is restricted. We also have employees performing critical work who have volunteered to sequester at Edison facilities, away from their families, so they can remain healthy and keep those facilities operational.

SCE adopted guidelines to ensure there is only one person per vehicle whenever feasible. This includes reimbursement for use of personal vehicles and car rentals.

To protect our employees, along with our customers and communities, and to abide by requirements across our service area, we require all employees performing work in the field or at an SCE facility to use a facial covering consistent with the safety requirements for their job. Some exceptions exist, including when crews working near energized equipment need to temporarily remove their facial coverings for safety purposes.

SCE extended numerous benefits to help all employees during this challenging period. Some of these benefits include additional paid leave due to illness or to care for family members, including those who were exposed to the virus or children and the elderly affected by school and care center closures, as well as reimbursement of expenses for at-home office ergonomic equipment. We also expanded the availability of our telemedicine service provider to our represented workforce. In addition, we expanded the use of our employee preventive health account to include reimbursement for in-home gym equipment purchased in 2020.

We're proud of the work the SCE team is doing to keep the lights on and our customers connected during the COVID-19 pandemic. Our #poweringthrutogether campaign on social media features employee stories.

REPAIR CREWS AND PHYSICAL DISTANCING

Due to the nature of their work, SCE crew members are sometimes unable to maintain physical distancing while making repairs. Crews are working in pods to minimize exposure while maintaining physical distance from others. Just as a family unit, or household, interacts but remains physically distant from the rest of the world, our crews interact similarly.

BEFORE
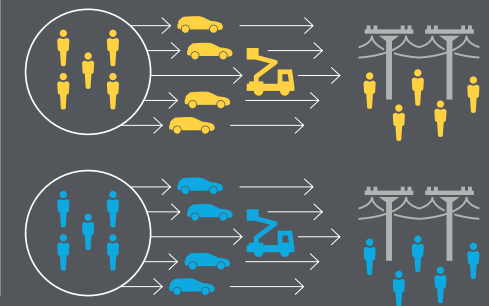Different crews interacted with each other. They would ride together in large vehicles and sometimes work together.
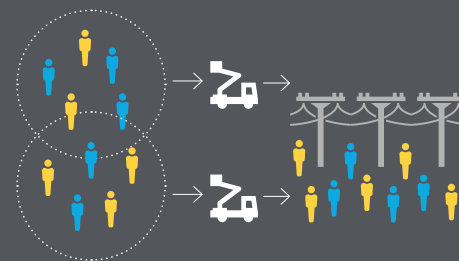
NOW
Crews stick to isolated groups. They travel in individual vehicles and work only within their groups.

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INTRODUCTION

Welcome to our 2019 sustainability report. This report includes updates on our sustainability strategy, performance and related metrics, covering the period January 1, 2019, to December 31, 2019, with additional information on activities, where appropriate, up to May 2020. It covers the areas most important to our long-term success: leading the transformation of the electric power industry and operating with excellence by focusing on customers, communities and employees, with safety as our top value.

ABOUT THIS REPORT

Edison International continues to seek ways to improve disclosures that are meaningful to our business and stakeholders. This report was prepared in accordance with the Global Reporting Initiative (GRI) Standards Core option, including referencing the GRI Electric Utility Sector Supplement for industry-specific information, and includes enhanced GRI disclosures compared to previous years.

For the first time, this report also includes disclosures referencing the Sustainability Accounting Standards Board (SASB) Electric Utilities & Power Generators Standards and the Task Force on Climate-related Financial Disclosures (TCFD). We also report for the first time on our contributions to the United Nations Sustainable Development Goals (SDGs).

The inclusion of information in this report, including as part of the aforementioned disclosures, should not be construed as a characterization regarding the materiality or financial impact of that information. For additional information regarding Edison International, please see our filings (including our Form 10-K and Forms 10-Q) with the Securities and Exchange Commission (SEC). Our SEC filings as well as direct links to certain presentations, documents and other information that may be of interest to investors are available at www.edisoninvestor.com.

Edison International has not sought external assurance of the data in this report. Some of the data provided is estimated, as noted.

This report is reviewed by the Edison International Managing Committee[1] and the Nominating/Corporate Governance Committee of the Edison International Board of Directors.

We strive to respond to all stakeholder inquiries and to be transparent about our sustainability performance. To share your thoughts and suggestions, please contact us at sustainability@edisonintl.com.

OTHER DISCLOSURES

We disclose additional environmental, social and governance (ESG) information on a voluntary basis through a template developed by the Edison Electric Institute (EEI), the investor-owned electric utility industry's trade association, in partnership with investors and member companies. Through this disclosure, we, and industry peers, provide investors and other stakeholder groups with relevant, consistent and easy-to-access ESG data. Our EEI disclosure is publicly available on our website.[2]

Learn more about our approach to sustainability at **www.edison.com/sustainability.**

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1   The Edison International Managing Committee consists of the most senior Edison International and SCE executive officers. Edison International members include the President and CEO, Executive Vice President (EVP) and Chief Financial Officer, EVP and General Counsel, and the Senior Vice President (SVP) of Strategy and Corporate Development. SCE members include the President and CEO and the EVP of Operations. Joint Edison International and SCE members include the SVP of Corporate Affairs and SVP of Human Resources.

2   Data included in the EEI disclosure may differ from data included herein in order to conform to the reporting requirements of the EEI disclosure, which is industry-standardized.

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CHIEF EXECUTIVE OFFICER'S LETTER

On behalf of the 13,000 women and men of Edison International, I'm pleased to share our company's 2019 sustainability performance. Sustainability is central to our vision to lead the transformation of the electric power industry, and we remain committed to doing our part to respond to the global climate crisis.

We currently face another global challenge – the COVID-19 pandemic. Our hearts go out especially to first responders, customers and Edison colleagues who have become ill or are caring for someone who has. We open our report with a section on what we've done to ensure customers continue to have access to safe, reliable service.

While the initial response to COVID-19 has been all-consuming, we're preparing for a changed reality. Transitioning to a clean energy economy, with its good jobs and more affordable services, will play a critical role in a just and equitable economic recovery. In California, I'm honored to be representing the electric utility perspective on Governor Newsom's Task Force on Business and Jobs Recovery.

Our long-term goal of a clean energy economy is more important than ever. In November 2019, our principal subsidiary, Southern California Edison (SCE), released Pathway 2045, a blueprint for how California can affordably combat climate change. In December, I participated in the 2019 United Nations (U.N.) Climate Change Conference (COP25) to share SCE's blueprint and also signed the Joint Labor Union and CEO Statement on the Paris Agreement.

We're deepening our commitment as we begin tracking progress on long-term, measurable goals related to clean energy, transportation electrification, diversity and inclusion, and safety. Among these are delivering 100% carbon-free power to SCE customers by 2045 in accordance with California law, expanding electric vehicle infrastructure throughout SCE's service area, and electrifying SCE's fleet, including 100% of SCE's light-duty vehicles by 2030. We've also begun mapping our contributions to the U.N. Sustainable Development Goals and affirmed our commitment to our stakeholders as a signatory to the Business Roundtable Statement on the Purpose of a Corporation.

We're proud of our 2019 progress: SCE delivered an estimated 48% carbon-free electricity to customers, up from 46% in 2018; successfully launched the largest truck and transit charging initiative in the nation to help customers transition to electric fleets; and won the U.S. Department of Energy's first Electricity Industry Technology and Practices Innovation Challenge Tier One gold prize for grid innovation. In May 2020,

SCE also announced one of the largest energy storage procurements in the nation (770 MW).

Our competitive business, Edison Energy,[1] helped customers – including 12 of the Fortune 50 – source, evaluate and execute renewable energy agreements totaling 1.85 GW in 2019 alone and facilitated the largest clean energy procurement in automotive history.

As we work to mitigate climate change, we're also focused on climate adaptation. SCE's near-term focus is reducing wildfire risk. In 2019, SCE successfully executed its Wildfire Mitigation Plan and continues to take aggressive action to reduce wildfire risk, going well beyond standard industry practices and with public safety a top priority.

Powering our work is a talented Edison team. Fostering a diverse and inclusive workplace is a priority. Since 2016, we've increased the percentage of women in senior operating roles from 27% to 35%, with a goal of gender parity by 2030. The diversity of our board increased as well: seven of our 11 directors are diverse in terms of gender, race, ethnicity and LGBTQ identification, including four women.

Safety is our foundation. We're committed to a multi-year journey to a culture where our employees choose safety for themselves, loved ones, colleagues, and our collective mission every day.

This report is part of an ongoing dialogue with our stakeholders, and we invite you to share your thoughts with us at sustainability@edisonintl.com.

Pedro J. Pizarro

PEDRO J. PIZARRO
President and
Chief Executive Officer

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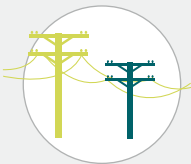
COMPANY OVERVIEW

At Edison International (NYSE:EIX), our vision is to lead the transformation of the electric power industry toward a clean energy future.

Edison International is one of the nation's largest electric utility holding companies, providing clean and reliable energy and energy services through its independent companies. Headquartered in Rosemead, California, Edison International is the parent company of Southern California Edison (SCE), a utility that delivers electricity to 15 million people across southern, central and coastal California. Edison International is also the parent company of Edison Energy, a global energy advisory company delivering comprehensive, data-driven energy solutions to commercial and industrial users to meet their cost, sustainability and risk goals.

12,937 employees across Edison International and consolidated subsidiaries

118,000 miles of SCE distribution and transmission lines

$12.3B revenue for Edison International and consolidated subsidiaries

$4.8B in capital investments for grid hardening, electrification and transmission

15M residents and 5 million customer accounts covered by SCE's service area

50,000 square miles of SCE service area across southern, central and coastal California

12 Fortune 50 companies served by Edison Energy[1]

$23M in philanthropic contributions

48% of SCE-delivered power estimated from carbon-free resources; no coal in owned generation or contracts for specified resources

>80% of SCE-delivered power from third-party sources

Note: Statistics are as of year-end 2019

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COMPANY OVERVIEW

OUR VALUES

Throughout our 130+ year history, the character of our people has defined our values, which guide our business and drive our success.

Learn more about how we uphold our values throughout our operations in our **Employee Code of Conduct** and our **Supplier Code of Conduct.**

WE LIVE SAFETY

Learn more about:
Employee and contractor safety pp. 59–60

Public safety and wildfire mitigation pp. 43–45

Community resiliency p. 51

WE CONDUCT OUR BUSINESS WITH INTEGRITY

WE STRIVE FOR CONTINUOUS IMPROVEMENT

WE TREAT EVERYONE WITH RESPECT

WE PURSUE EXCELLENCE

WE RECOGNIZE THE STRENGTH OF TEAMWORK

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SUSTAINABILITY OVERVIEW

Sustainability is at the core of our vision to lead the transformation of the electric power industry toward a clean energy future. From how we manage our operations, engage with our stakeholders and deliver on our promise to provide safe, reliable, affordable and clean power – we are committed to doing our work with the long-term view in mind.

OUR MATERIAL ESG ISSUES

In 2018, we conducted an environmental, social and governance (ESG) materiality assessment to identify the most important ESG issues for our long-term business success from a stakeholder perspective. The assessment, which was conducted by a third-party firm and included views from both internal and external stakeholders, was reviewed by the Edison International Managing Committee. Nineteen issues were identified as priorities, with the potential to impact our long-term sustainability.[1] These topics guide our approach to sustainability, as well as our reporting and disclosure. Read more about how we define our material ESG issues.

TRANSITION TO A CLEAN ENERGY FUTURE

- Climate Change & Greenhouse Gas (GHG) Emissions
- Grid Modernization & Innovation
- Local Air Quality
- Renewable Energy & Distributed Energy Resources
- Service & Product Innovation
- Transportation Electrification
- Business Model

OPERATIONS & GOVERNANCE

- Cyber & Physical Security
- Environmental Footprint
- Governance, Transparency & Compliance
- Infrastructure Reliability & Resilience
- Public Policy Engagement
- Water Use & Management

CUSTOMERS, COMMUNITIES & EMPLOYEES

- Safety & Health
- Affordability & Access
- Community Development
- Customer Relations
- Diversity & Inclusion
- Employee Engagement & Workforce Development

SUPPORTING BUSINESS ROUNDTABLE'S STATEMENT ON THE PURPOSE OF A CORPORATION

In August 2019, Edison International was one of over 180 companies to sign a Statement on the Purpose of a Corporation through Business Roundtable, a Washington, D.C.-based business association.

This statement, which promotes an economy serving all, is consistent with our commitment to deliver value to all our stakeholders.

UNITED NATIONS SUSTAINABLE DEVELOPMENT GOAL CONTRIBUTIONS

In 2015, the United Nations launched the Sustainable Development Goals (SDGs) to focus global efforts in 17 key areas to help bring peace and prosperity to people and the planet. Our major focus areas given our core business and clean energy strategy are SDG 7 and SDG 13 , and we include disclosures herein related to these priorities. We make contributions across a broader set of SDGs, however, including, but not limited to, specific targets associated with SDGs 5, 8, 9 and 11.

Learn more about our **contributions to the SDGs**.

Major Focus Areas Are SDGs 7 and 13

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1   A material ESG issue is one that has the potential to impact long-term sustainability, based on the perspectives of internal and external stakeholders. This is different from, but related to, financial materiality, which is a threshold for influencing the economic decisions of investors.

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SUSTAINABILITY OVERVIEW

OVERSIGHT OF ESG RISKS AND OPPORTUNITIES

Edison International's Board of Directors oversees safety, climate change impacts, cybersecurity, and other ESG risks and opportunities as part of its oversight of the company's strategy. ESG issues are regularly discussed at each Board meeting as well as at the Board's annual in-depth strategy meeting.

The Board's Nominating/Corporate Governance Committee reviews significant ESG trends that may impact the company and ensures that the Board and its committees have the appropriate oversight of relevant ESG issues.

Edison International's approach to sustainability and integration of ESG issues into the company's overall strategy is led by the SVP of Strategy and Corporate Development and overseen by the Edison International Managing Committee. A cross-functional, executive-level sustainability steering group was also formalized in 2019 to provide input into the company's sustainability program.

2019 PERFORMANCE INCENTIVES

The Board's Compensation and Executive Personnel Committee approves annual performance incentive awards based on our financial, strategic, operational and safety goals. These goals relate to key areas of our clean energy strategy and core operations, including many of our material ESG issues. In particular, the committee has been increasing the weighting of safety and resiliency annual incentive goals in recent years. For 2020, the committee approved corporate performance scoring matrices for Edison International and SCE with 45% weighting across public safety, wildfire resiliency and cybersecurity goals.

Our 2019 goals are summarized below. We tie pay to performance by making most officer compensation at risk. Learn more about our annual incentive program, including corporate goals and performance and awards to named executive officers in Edison International's and SCE's 2020 Joint Proxy Statement (pp. 42–46).

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Deduct only	**Foundational Goals** Includes goals related to safety, compliance and systems operations
20%	**Wildfire Resiliency** Includes goals related to mitigating wildfire risks
10%	**Safety** Includes goals related to safety training and injury rate
45%	**Financial Performance** Core earnings goal
15%	**Strategy, Transformation & Growth** Includes goals related to business and clean energy strategy, including transportation electrification and grid modernization, affordable customer rates, Edison Energy,[1] San Onofre Nuclear Generating Station (SONGS) decommissioning and other initiatives
10%	**Diversity, People & Culture** Includes goals related to diversity and empowering employees to improve operations

SOUTHERN CALIFORNIA EDISON

Deduct only	**Foundational Goals** Includes goals related to safety, compliance and systems operations
20%	**Wildfire Resiliency** Includes goals related to mitigating wildfire risks
25%	**Operational & Service Excellence – Safety (10%)** Includes goals related to safety training and injury rate
	Operational & Service Excellence – Other Goals (15%) Includes goals related to affordable customer rates, system reliability, customer satisfaction, SONGS decommissioning and other initiatives
30%	**Financial Performance** Core earnings goal
15%	**Policy, Growth & Innovation** Includes goals related to business and clean energy strategy, including transportation electrification and grid modernization, customer service and other initiatives
10%	**Diversity, People & Culture** Includes goals related to diversity, empowering employees to improve operations, and Diverse Business Enterprise spend

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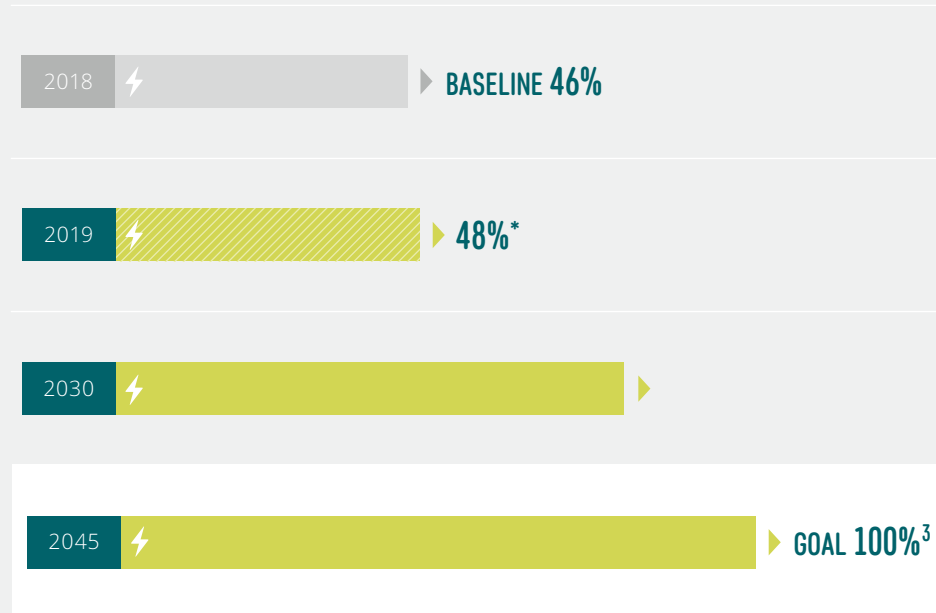
OUR SUSTAINABILITY GOALS

We have made long-term, public commitments related to four of our material ESG issues: Climate Change & GHG Emissions, Transportation Electrification, Safety & Health and Diversity & Inclusion. Our Climate Change & GHG Emissions reduction goal is aligned with California law.

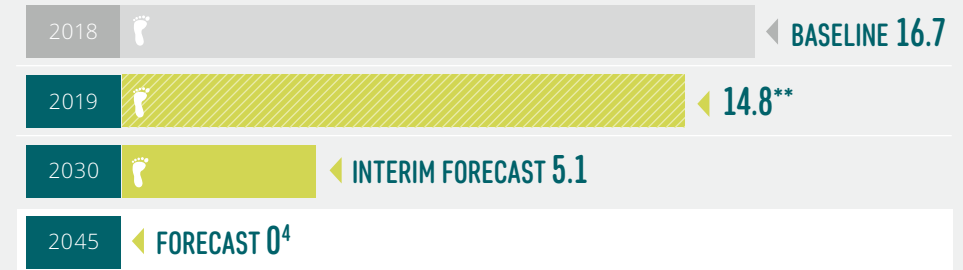Learn more about our year-over-year sustainability performance in these and other areas in our **Sustainability Scorecard**.

CLIMATE CHANGE & GHG EMISSIONS

DELIVER 100% CARBON-FREE POWER TO SCE CUSTOMERS BY 2045[1]

Carbon-Free Power as a Percentage of Retail Sales

- 2018 — BASELINE 46%
- 2019 — 48%*
- 2030 —
- 2045 — GOAL 100%[3]

GHG Emissions[4, 5] (MMT)

- 2018 — BASELINE 16.7
- 2019 — 14.8**
- 2030 — INTERIM FORECAST 5.1
- 2045 — FORECAST 0[4]

GHG Emissions Intensity[5] (MT/MWh)

- 2018 — BASELINE 0.23
- 2019 — 0.24[6]
- 2030 — INTERIM FORECAST 0.11
- 2045 — FORECAST 0

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*   This is based on an estimate of SCE's delivered power mix using the methodology prescribed by the California Energy Commission's (CEC) Power Source Disclosure Program (PSPD) as of April 23, 2020. SCE's final PSDP report will be filed with the CEC on July 20, 2020, and may include updates to reflect subsequent changes or clarifications to PSDP's methodology and reporting template.

** This calculation includes as an input an estimate of SCE's delivered power mix using the methodology prescribed by the CEC PSDP as of April 23, 2020. SCE's final PSDP report will be filed with the CEC on July 20, 2020, and may include updates to the inputs used in this calculation.

1   Our Climate Change & GHG Emission goal is aligned with state of California law, in particular California Public Utilities Code Section 454.53(a), which became law through Senate Bill (SB) 100 on September 10, 2018. It relates to delivered power, which is a combination of SCE's utility-owned generation and purchased power. In terms of GHG emissions, this covers a portion of SCE's Scope 1 and Scope 3 emissions.

2   California has set Renewables Portfolio Standard (RPS) targets that require California retail sellers of electricity to provide 60% of electricity sales from renewable resources by 2030, with interim requirements. (See California Public Utilities Code Section 399.11(a) and Section 399.15(b)(2)(B).) However, SCE's own analysis indicates that California needs to have 80% carbon-free electricity by 2030 to affordably meet the state's GHG emissions reduction targets. Thus, regulatory approval is required for SCE to achieve this more aggressive target of 80% carbon-free electricity.

3   Note that retail sales do not include line losses in accordance with California statute. SCE estimates line losses of up to approximately 10% in 2045.

4   We anticipate that the GHG emissions and GHG emissions intensity of our delivered power will be at or near zero in 2045, depending on the residual carbon-emitting resources in the system attributable to line losses in the context of SCE's 2045 retail sales goal. See note 3.

5   This forecast is dependent on variable factors including, but not limited to, SCE's load size, GHG emissions accounting rules in the state of California and regulatory approvals for procurement. SCE updates this forecast periodically through its Integrated Resource Plan filing at the California Public Utilities Commission.

6   While SCE's estimated 2019 delivered power mix had a higher proportion of carbon-free power than in 2018, pursuant to the methodology prescribed by the CEC PSDP as of April 23, 2020, the emissions intensity increased slightly. This is due to a higher proportion of specified natural gas resources, with a higher average emissions intensity, versus unspecified market resources, with a comparatively lower average emissions intensity, in SCE's estimated delivered power mix in 2019 compared to 2018. See Clean Energy for more details on SCE's estimated 2019 delivered power mix.

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OUR SUSTAINABILITY GOALS

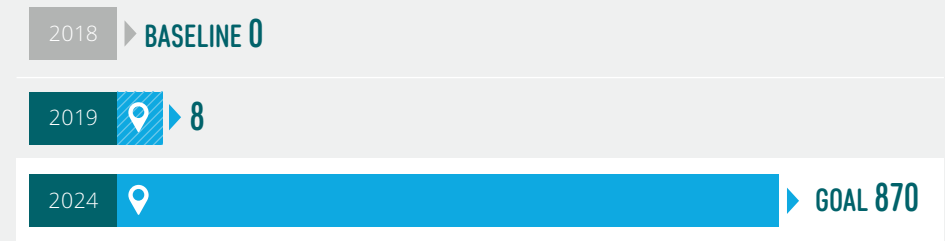## TRANSPORTATION ELECTRIFICATION

INCREASE MEDIUM- AND HEAVY-DUTY ELECTRIC VEHICLE CHARGING INFRASTRUCTURE ACROSS SCE'S SERVICE AREA[7]

By 2024, receive SCE customer commitments to deploy 8,490 medium- and heavy-duty electric vehicles at 870 sites through SCE's Charge Ready Transport program

Commitments Received (vehicles)
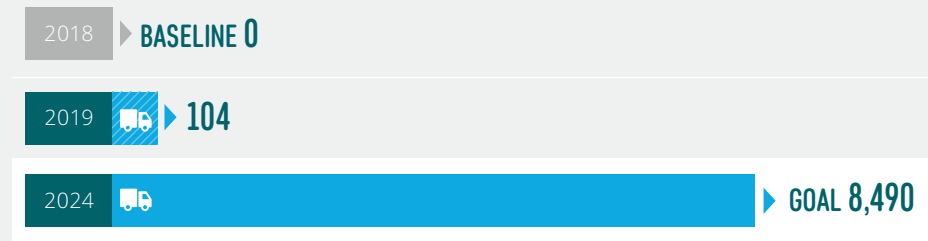
2018	BASELINE 0
2019	104
2024	GOAL 8,490

Commitments Received (sites)

2018	BASELINE 0
2019	8
2024	GOAL 870

INCREASE LIGHT-DUTY ELECTRIC VEHICLE CHARGING INFRASTRUCTURE ACROSS SCE'S SERVICE AREA[8]

By 2025, receive SCE customer commitments to deploy (or commit to deploy for utility-owned installations) at least 52,700 electric vehicle charge ports to serve at least 4,150 sites through SCE's Charge Ready Program *(Note: Regulatory approval is pending for a significant portion of this program and goal may be adjusted in future reporting years to reflect approval status and program scope)*

Commitments Received (ports)

2016	BASELINE 0
2019	2,755
2025	GOAL 52,700

Commitments Received (sites)

2016	BASELINE 0
2019	148
2025	GOAL 4,150
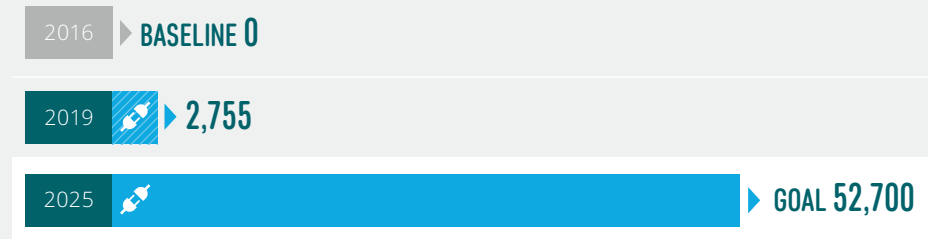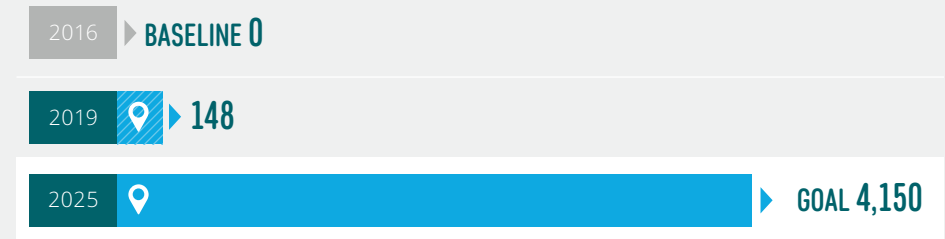
7   This goal is tied to Southern California Edison's Charge Ready Transport application, which was approved on May 31, 2018. The program was formally launched on May 20, 2019.

8   This goal is tied to SCE's Charge Ready Pilot, approved on January 25, 2016, the Pilot's extension approved on December 13, 2018, and SCE's application for its proposed Charge Ready 2 program, which was filed on June 26, 2018, but has not yet been approved or launched. Thus, the goal shown here is based on both approved funding for approximately 2,700 charge ports at 150 sites and proposed funding to expand the program to approximately 50,000 additional charge ports at 4,000 additional sites. Meeting this goal in full is dependent on regulatory approval, and the goal may be adjusted, as necessary, in future reporting years to reflect approval status and program scope.

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OUR SUSTAINABILITY GOALS

TRANSPORTATION ELECTRIFICATION

INCREASE ELECTRIFICATION OF SCE'S TRANSPORTATION FLEET IN ALIGNMENT WITH PATHWAY 2045 AND COMPANY'S CLEAN ENERGY STRATEGY[9, 10, 11]

By 2030, electrify 100% of light-duty vehicles; 30% of medium-duty vehicles, and 8% of heavy-duty vehicles within SCE's transportation fleet

Light-Duty Goal
(percent of electric vehicles in SCE's light-duty transportation fleet)

2019	BASELINE: 13%
2025	INTERIM GOAL: 90%
2030	GOAL: 100%
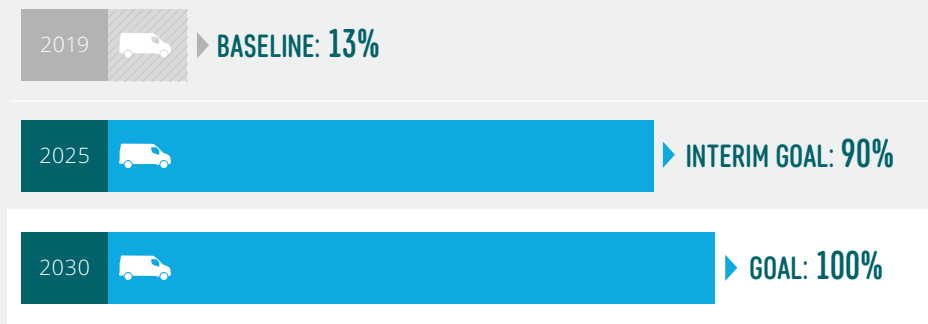
Medium-Duty Goal
(percent of electric vehicles in SCE's medium-duty transportation fleet)

2019	BASELINE: 1%
2025	INTERIM GOAL: 10%
2030	GOAL: 30%
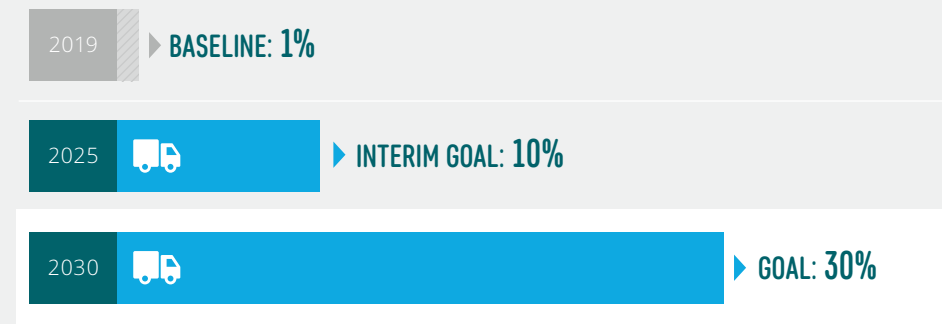
Heavy-Duty Goal
(percent of electric vehicles and/or vehicles with plug-in, battery-powered, anti-idle job site work systems in SCE's heavy-duty transportation fleet)

2019	BASELINE: 4%
2025	INTERIM GOAL: 5%
2030	GOAL: 8%
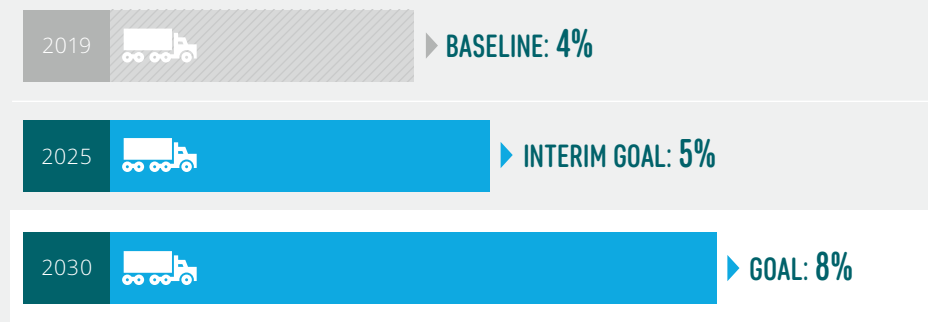
Forklift Goal
(percent of forklifts that are plug-in electric in SCE's transportation fleet)

| 2019 | BASELINE: 39% |
| 2030 | GOAL: 60% |
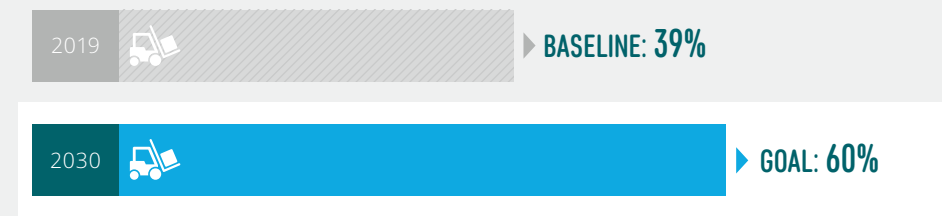
9 Goals are based on proportion of plug-in electric vehicles, including plug-in hybrids, within SCE's transportation fleet. Vehicles with plug-in, battery-powered, anti-idle job site work systems, such as electric power take-off units (ePTO), are also counted as part of the heavy-duty goal.

10 Vehicle weight categories align with Pathway 2045 and are as follows: Light-Duty Vehicle Class (≤ 6k GVW), Medium-Duty Vehicle Class (> 6k to ≤ 14k GVW) and Heavy-Duty Vehicle Class (> 14k GVW).

11 Goals contingent on original equipment manufacturer (OEM) vehicle availability and funding approval through the California Public Utilities Commission (CPUC)

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OUR SUSTAINABILITY GOALS

DIVERSITY & INCLUSION

ACHIEVE GENDER PARITY IN SENIOR OPERATING ROLES BY 2030

Measured by progress toward Paradigm for Parity commitment of full gender parity (50/50) in senior operating roles by 2030[12]

BASELINE 27%

2016 ♀ ♂

35%

2019 ♀ ♂

GOAL 50%

2030 ♀ ♂

SAFETY & HEALTH

ACHIEVE PUBLIC AND WORKER SAFETY GOALS AT SCE

ONGOING: NO SERIOUS INJURIES TO THE PUBLIC FROM SYSTEM FAILURE[13]

Injury to Members of the Public

0 ✓	0 ✓	1
2017	2018	2019
GOAL ACHIEVED	GOAL ACHIEVED	GOAL NOT MET[14]

ONGOING: NO WORKER (EMPLOYEE OR CONTRACTOR) FATALITY[13]

Employee Fatalities

0 ✓	0 ✓	0 ✓
2017	2018	2019
GOAL ACHIEVED	GOAL ACHIEVED	GOAL ACHIEVED

Contractor Fatalities

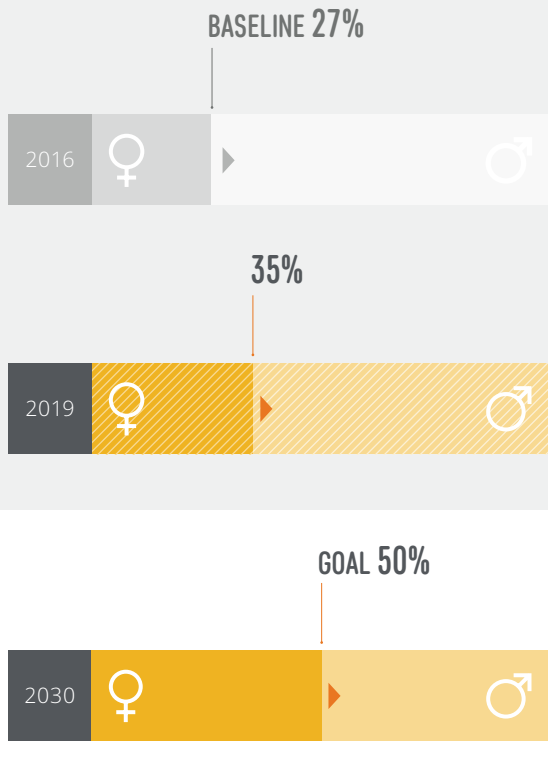| 0 ✓	2	3
2017	2018	2019
GOAL ACHIEVED	GOAL NOT MET	GOAL NOT MET[15]

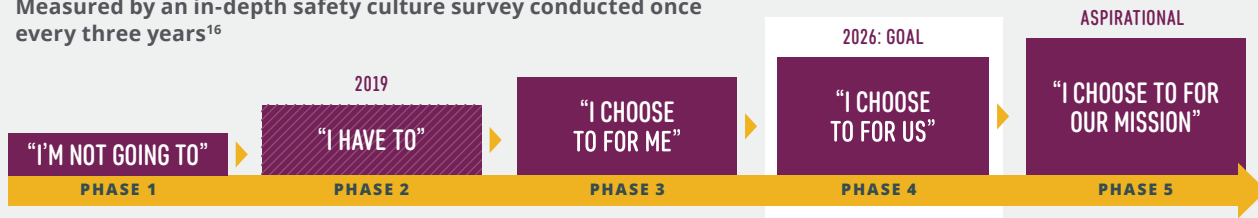#### 2026: IMPROVE EMPLOYEE PHYSICAL AND PSYCHOLOGICAL SAFETY THROUGH CULTURE TRANSFORMATION

Measured by an in-depth safety culture survey conducted once every three years[16]

"I'M NOT GOING TO"	2019 "I HAVE TO"	"I CHOOSE TO FOR ME"	2026: GOAL "I CHOOSE TO FOR US"	ASPIRATIONAL "I CHOOSE TO FOR OUR MISSION"
PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5

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12 Our Diversity & Inclusion goal is framed around the public commitment Edison International made to Paradigm for Parity in 2016. "Senior operating roles" is defined as at the Director-level or above. Learn more about our focus on Diversity & Inclusion.

13 This goal is framed around a portion of Edison International and SCE's ongoing annual corporate performance foundational goals, which are tied to executive compensation. Learn more by visiting Edison International's and SCE's 2020 Joint Proxy Statement, pp. 43–44. Learn more about our focus on Public Safety and Employee and Contractor Safety.

14 A transformer failure resulted in a serious injury to one member of the public.

15 Three contract workers suffered fatal injuries in 2019, two because of a vehicle collision and one because of electrical contact while performing vegetation management work.

16 In 2017, SCE invested in an in-depth assessment of its safety culture because as an organization, we care about the health and well-being of SCE employees, contractors and the public. We learned that many of our people think of our safety measures as something we do just for compliance. Using a maturity model, we are now tracking our evolution and conducting in-depth surveys every three years to determine our progress. Our goal is to evolve our culture to one where employees choose to act safely for not only themselves, but for their peers by 2026. Our aspirational aim over the long term is to evolve our culture to one where employees take ownership of their own safety and the safety of those around them as a core part of their job and in support of our collective mission. Learn more about our Safety Culture.

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2019 YEAR IN REVIEW

48% of the electricity that SCE delivered estimated from carbon-free resources

1.85 GW in renewable power purchase agreements (PPAs) advised on by Edison Energy[1] in 2019 (4.5 GW total since inception)

40% procurement spend with diverse suppliers at SCE, totaling $2.21 billion

10,000+ JOBS retained, expanded and/or attracted in SCE's service area

215 electric car charge ports installed through SCE's Charge Ready Program (1,278 total)

FORTUNE 500 RECRUITMENT MARKETING PIONEERS 4th place ranking recognizing Edison International as a strategic recruiter and early adopter of emerging technology

$23M in philanthropic contributions

TIER 1 GOLD PRIZE in the U.S. Department of Energy's Electricity Industry Technology and Practices Innovation Challenge

WILDFIRE MITIGATION PROGRESS

In 2019, SCE accelerated plans to mitigate wildfire risks associated with its infrastructure. We made substantial progress by year-end and met or exceeded nearly all of our goals in our 2019 Wildfire Mitigation Plan.
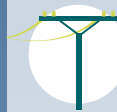
Exceeded our goal for replacing 96 circuit miles of overhead power lines with insulated wires, replacing more than **300 miles** in 2019

Installed fast-acting fuses at over **10,000 locations** (over 7,500 locations in 2019 alone) to reduce electrical currents during the instance of a downed wire

Installed **161** high-definition cameras to monitor SCE's high fire risk area (HFRA) (91 in 2019 alone), reaching **saturation point** for cameras

Installed **482** weather stations in SCE's HFRA (over 350 installed in 2019)

Conducted enhanced inspections on **100%** of our overhead distribution and transmission infrastructure in our HFRA over a **five-month** period – work which would have previously been performed over a three- or five-year cycle under standard requirements

Read more about our **Wildfire Mitigation Plan** and how we are improving **public safety.**

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1   Edison Energy is not the same company as Southern California Edison, the utility, and Edison Energy is not regulated by the California Public Utilities Commission.

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ACCELERATING A CLEAN ENERGY FUTURE

A solar farm in Lancaster, Calif., supported by the Connolly Battery Storage System, which was developed as part of an SCE energy storage pilot. Batteries store solar energy for later use.

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OUR VISION

Our vision is to lead the transformation of the electric power industry, focusing on opportunities in clean energy, efficient electrification, grid of the future and customer choice.

🎯 GOAL

Deliver 100% carbon-free power to customers by 2045

2030	80% carbon-free[1]
2045	100% carbon-free

OUR STRATEGY

At Edison International, we're growing our business toward a clean energy future while adapting our infrastructure and operations to a new climate reality, striving for best-in-class operations, and providing superior value to our customers and shareholders. Our principal subsidiary, SCE, is focused on proactively addressing wildfire risk, cleaning the power system, helping customers make cleaner energy choices, strengthening and modernizing the grid, and achieving operational and service excellence. Edison Energy[2] partners with leading commercial, industrial and institutional clients to help them navigate and manage three of the biggest challenges of today – cost, carbon and the increasingly complex choices in energy.

CLIMATE CHANGE MITIGATION

SCE operates entirely within the state of California, which has some of the most ambitious climate change and environmental goals in the U.S. SCE has state-mandated objectives to deliver 100% carbon-free power by 2045 – one of the most aggressive targets in the U.S. utility industry – and operates under the following state-mandated renewable and carbon-free retail sales targets for delivered power[3]:

- By 2020 – 33% from Renewables Portfolio Standard[4] (RPS)-eligible resources (achieved in 2018)
- By 2030 – 60% from RPS-eligible resources
- By 2045 – 100% carbon-free

California has also committed to achieving a 40% reduction in absolute GHG emissions from 1990 levels by 2030 and 80% by 2050, with an additional goal of economy-wide carbon neutrality by 2045. Taken together, these science-based policies are broadly considered to be consistent with the ambitious aim of keeping global temperature increases below 1.5°C, as set out in the United Nations Intergovernmental Panel on Climate Change (IPCC) Special Report on Global Warming of 1.5°C.

Achieving this will require a transformation, not only in how energy is produced but also in how it's used. The changes required across the economy will be profound.

Clean electricity powering increasingly efficient electric end uses is an important part of a cost-effective solution. We're doing our part, developing infrastructure and advancing the technologies needed to support electrification across the economy. As California's only investor-owned electric utility without a natural gas distribution business, we are uniquely positioned to advance electrification initiatives.

To meet the state's GHG emissions reduction goals, SCE is also advocating for a more aggressive retail sales target of 80% carbon-free power delivered to customers by 2030, going beyond the state-mandated goal of 60% RPS-eligible power delivered to customers.

WE ARE STILL IN

In 2017, Edison International underscored its commitment to fighting climate change by joining the We Are Still In campaign in support of the Paris Climate Agreement.

We furthered our commitment in 2019 by participating in the United Nations Climate Change Conference (COP25) as one of 17 U.S. business delegates and by signing the Joint Labor Union and CEO Statement on the Paris Agreement to support a just transition of the workforce.

Edison International President & CEO Pedro Pizarro (center left) with other members of the Edison team (from left to right) Jennifer Manfre, SVP of Corporate Affairs Caroline Choi, and Ignacio Fernandez, at COP25

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1. California has set Renewables Portfolio Standard (RPS) targets that require California retail sellers of electricity to provide 60% of electricity sales from renewable resources by 2030, with interim requirements. (See California Public Utilities Code Section 399.11(a) and Section 399.15(b)(2)(B).) However, SCE's own analysis indicates that California needs to have 80% carbon-free electricity by 2030 to affordably meet the state's GHG emissions reduction targets. Thus, regulatory approval is required for SCE to achieve this more aggressive target of 80% carbon-free electricity.

2. Edison Energy is not the same company as Southern California Edison, the utility, and Edison Energy is not regulated by the California Public Utilities Commission.

3. See California Public Utilities Code Section 399.11(a), Section 399.15(b)(2)(B) and Section 454.53. SCE demonstrates its plan for meeting these and other targets through its Integrated Resource Plan and RPS Procurement Plan. Learn more about the CPUC IRP proceeding and the CPUC RPS Program.

4. Eligible renewable resources are defined by statute and the California Energy Commission.

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OUR VISION

The Pathway to 2045

Achieving economy-wide carbon neutrality in California by 2045 will require an integrated approach involving all sectors. Building strong cross-industry and cross-sector partnerships is at the core of SCE's strategy. Over the past three years, we have published two thought leadership pieces outlining the cross-sector collaboration we believe is needed to reach the state's climate goals.

Our Pathway 2045 white paper, published in November 2019, outlines our most recent blueprint. Pathway 2045 builds on SCE's Clean Power and Electrification Pathway, published in 2017, and identifies five key actions to be taken across the California economy to affordably achieve carbon neutrality by 2045. See call-out below.

We are now aggressively pursuing these actions by undertaking changes to our

own operations, proposing to invest more than $5 billion per year in our grid; engaging in policy advocacy; building cross-sector partnerships, particularly around electrification; and enhancing our customer programs.

CLIMATE CHANGE ADAPTATION

We are already experiencing the devastating consequences of climate change. In California, increasingly high temperatures are affecting residents, as are more regular and extreme climate events, like wildfires, droughts and storms. Ten of the 20 most destructive California wildfires have occurred since 2015.

We're implementing measures to minimize the impacts of severe weather, both in the short and long term. We are strengthening the grid, building resilience against the increasing risks of wildfires and other extreme weather events,

and changing the way we operate as a company.

More broadly, SCE is evaluating the potential long-term impacts of climate-related hazards on its own infrastructure and operations using state of California-endorsed climate change emissions scenarios and models. The information is being integrated on an ongoing basis into long-range planning as we work, in parallel, to achieve objectives outlined in Pathway 2045.

SCE is also an active participant in the Order Instituting Rulemaking (OIR) at the California Public Utilities Commission (CPUC), focused on integrating climate adaptation into utility planning and operations. This includes guidance on the types of climate data to use and pathways for proposing climate-related investments and actions.

WILDFIRE PREVENTION IN THE SIERRA NEVADA MOUNTAINS

Identifying wildfire risks around a remote dam in the Sierra Nevada mountain region, SCE developed a project to replace existing infrastructure with a solar microgrid.

Through the pilot solar project, SCE replaced a difficult-to-access power line exposed to winds up to 100 miles per hour with two 3.3 kilowatt (kW) solar arrays, a 600-amp, 48-volt battery storage system, and a propane-fueled backup generator. The panels now power on-site infrastructure like valves and cameras that ensure the dam is running properly, allowing SCE to turn off the high-risk power line.

PATHWAY 2045

SCE'S BLUEPRINT FOR HOW CALIFORNIA CAN AFFORDABLY ACHIEVE ECONOMY-WIDE CARBON NEUTRALITY BY 2045

DECARBONIZE ELECTRICITY
100% of retail sales powered with carbon-free electricity

ELECTRIFY TRANSPORTATION
Including three-quarters of light-duty vehicles, two-thirds of medium-duty vehicles and one-third of heavy-duty vehicles

ELECTRIFY BUILDINGS
70% of space and water heating electrified in the built environment

LOW-CARBON FUELS
Technologies that are not viable for electrification to use low-carbon fuels

CARBON SINKS
The remaining 108 million metric tons (MMT) of carbon to be sequestered to reach carbon neutrality

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OUR VISION

PUBLIC POLICY ENGAGEMENT

We partner with leaders at local, state and federal levels, as well as industry groups, to advance policies related to our strategy and material ESG issues. Examples include regulations on climate change mitigation and adaptation, transportation and building electrification, innovation to advance clean energy technologies, and cybersecurity.

At the federal level, Edison International engages with federal agencies, congressional representatives and other stakeholders. We work closely with the U.S. Department of Energy (DOE) to advance innovations needed to meet industry objectives. In 2019, Edison International President and CEO Pedro Pizarro joined the DOE Secretary of Energy Advisory Board as the sole electric utility representative. He also serves on the board for Argonne National Laboratory, one of DOE's 17 national labs. Additionally, Pizarro is a member of the Electricity Subsector Coordinating Council, the principal liaison between leaders in the federal government and the electric power sector, to prepare for national-level incidents and threats to critical infrastructure.

Edison International also plays a role in industry and cross-sector groups nationwide. In 2020, Pizarro became chair of the Electric Power Research Institute (EPRI), which provides thought leadership, industry expertise and collaborative value to shape the future of electricity. He also serves on the board of industry group the Edison Electric Institute (EEI). Edison International SVP of Corporate Affairs Caroline Choi serves on the board of Smart Electric Power Alliance, a nationwide organization that supports utilities in the implementation and deployment of clean energy and distributed resources.

At the state and local level, SCE has been working with a broad range of stakeholders in support of the policies called for by Pathway 2045. Aligning the goals of Southern California region business, industry and trade groups with clean energy and electrification has been a key focus. Among other things, we also recently supported a lower electricity-system-wide GHG emissions reduction target, consistent with Pathway 2045, as part of the 2020 Integrated Resource Plan proceeding at the CPUC. Climate resilience has also been a top priority, and we continue to dedicate resources to support bills in the state legislature to protect communities, such as around fire safe building standards.

SUPPORT FOR CLIMATE CHANGE ACTION

In November 2019, the U.S. House of Representatives Committee on Ways and Means announced the introduction of the Growing Renewable Energy and Efficiency Now (GREEN) Act of 2019. The GREEN Act promotes renewable energy and carbon reduction efforts to tackle climate change. Additionally, the GREEN Act includes several provisions proposed and/or supported by Edison International, including measures promoting the adoption of electric vehicles.

PREPARE FOR TOMORROW

In 2019, Edison funded the production of a report by Climate Resolve, a nonprofit that focuses on local solutions to global climate change. The Ready for Tomorrow? report provides a snapshot of current climate preparedness planning at the municipal level, in or near SCE's service area. It also puts forward recommendations for policymakers to improve statewide preparedness.

RESPONDING TO COVID-19

We're committed to supporting California's road to recovery and believe that clean energy can play a critical role in a just and equitable economic future. Edison International President and CEO Pedro Pizarro serves on the Governor's Task Force on Business and Jobs Recovery and Senior Vice President of Corporate Affairs Caroline Choi serves on the City of Long Beach Economic Recovery Advisory Group. Learn more about our COVID-19 response.

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CLEAN ENERGY

At SCE, we're committed to one of the most aggressive carbon-free power targets in the U.S. utility industry. At Edison Energy,[1] we partner with large energy users, identifying solutions to help them reduce their carbon footprints and reach their own sustainability goals.
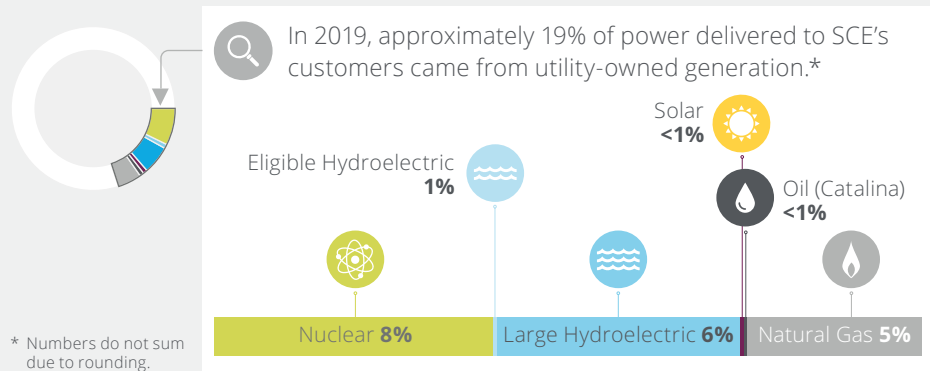
Our Energy Supply

SCE is a national leader in clean energy. An estimated 48% of the power we delivered to customers in 2019 came from carbon-free sources.[2] Of that, approximately 73% (35% of total delivered power) came from renewable resources eligible under California's RPS requirements.[3] In 2019, our delivered power emitted approximately 45% fewer GHG emissions per unit of electricity compared to the U.S. national average. Between 2005 and 2019, SCE's GHG emissions from delivered power fell by an estimated 48% due to increased renewable energy in our portfolio.

In 2019, SCE was named a leader in solar by the Smart Electric Power Alliance (SEPA), for the 12th consecutive year. We were also named as the top electric utility for the second year in a row for annual energy storage capacity.

Our customers are playing an important role in the transition to renewable energy. Learn more about how we're supporting customer adoption of carbon-free energy technologies.
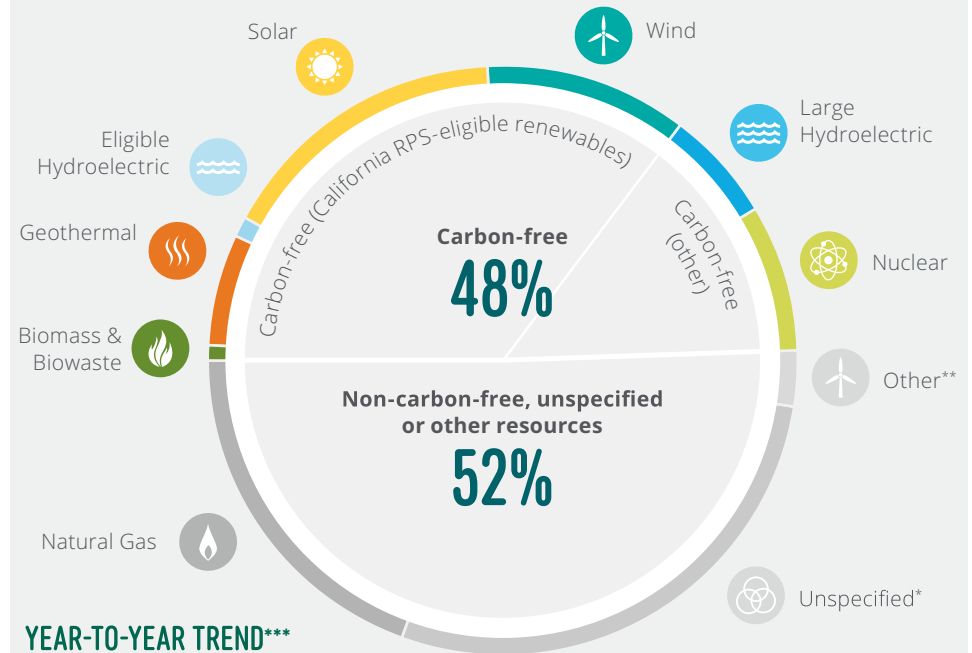
SCE'S ESTIMATED DELIVERED POWER MIX IN 2019•

Includes both owned generation and power procured from third parties.

Carbon-free (California RPS-eligible renewables)

Carbon-free (other)

Carbon-free
48%

Non-carbon-free, unspecified or other resources
52%

Solar · Wind · Large Hydroelectric · Eligible Hydroelectric · Geothermal · Nuclear · Biomass & Biowaste · Other** · Natural Gas · Unspecified*

SCE'S ESTIMATED OWNED GENERATION MIX AS A PERCENT OF DELIVERED POWER IN 2019

In 2019, approximately 19% of power delivered to SCE's customers came from utility-owned generation.*

Solar **<1%**

Eligible Hydroelectric **1%**

Oil (Catalina) **<1%**

Nuclear 8%	Large Hydroelectric 6%	Natural Gas 5%

* Numbers do not sum due to rounding.

YEAR-TO-YEAR TREND***

2019	1%	1%	6%	16%	11%	6%	8%	3%	31%	18%
2018	1%	1%	8%	13%	13%	4%	6%		37%	17%
2017		1%	8%	13%	10%	8%	6%		34%	20%

• This is an estimate of SCE's delivered power mix using the methodology prescribed by the California Energy Commission's (CEC) Power Source Disclosure Program (PSPD) as of April 23, 2020. SCE's final PSDP report will be filed with the CEC on July 20, 2020, and may include data that differs from the estimate shown here to reflect subsequent changes or clarifications to PSDP's methodology and reporting template.

* Unspecified power refers to electricity that is not traceable to a specific generating facility, such as electricity traded through open market transactions administered by the California Independent System Operator (CAISO). The power is typically a mix of resources, largely dominated by natural gas and renewables. The generating resources in the CAISO market are getting cleaner as more and more renewables are added to the grid in line with California state law.

** "Other" predominantly consists of energy from out-of-state wind projects that is not delivered into California. In 2019, the CEC's power source disclosure program requirements changed, adding an emissions factor to out-of-state renewables that are not directly delivered into the state. Other sources of energy included here (estimated as less than 10% of the "other" total) are diesel from SCE-owned Pebbly Beach Generating Station on Catalina Island and renewable contracts without an associated renewable energy credit.

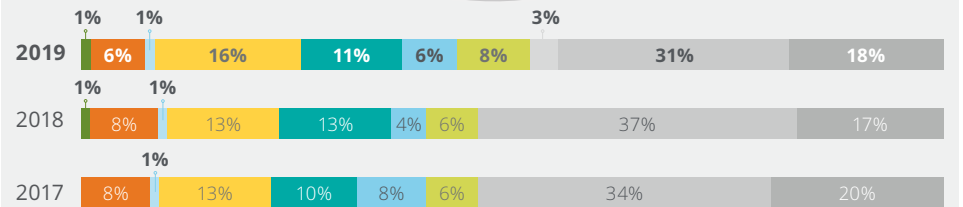*** Numbers do not sum due to rounding.

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1 Edison Energy is not the same company as Southern California Edison, the utility, and Edison Energy is not regulated by the California Public Utilities Commission.

2 See Sustainability Scorecard for more details. This percentage does not include renewable energy from customer-sited rooftop solar.

3 Eligible renewable resources are defined by statute and the California Energy Commission (CEC). Retail sellers of electricity in California, including investor-owned utilities, electricity service providers, community choice aggregators and publicly owned utilities are required to serve 33% of their load with eligible renewables by 2020 and 60% by 2030.

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CLEAN ENERGY

Energy Storage Investments

Increased energy storage is essential as we continue to expand the share of intermittent renewable electricity sources in our mix. SCE estimates that California will need 10 GW of utility-scale energy storage by 2030 and 30 GW by 2045 to support the transition to 100% carbon-free power.

SCE is procuring energy storage through third-party contracts and has developed a limited amount of owned installations to meet state statutory and regulatory targets. SCE has already exceeded its 2024 state-mandated target of 580 MW. As of March 1, 2020, we have procured or installed over 690 MW of energy

RECENT SCE ENERGY STORAGE PROCUREMENT ONE OF LARGEST IN NATION

On May 1, 2020, SCE announced it had signed seven contracts totaling 770 MW of battery-based energy storage resources to help enhance electric system reliability needs in its service area. To date, this is one of the largest energy storage procurements in the nation. Four of the announced storage projects are in the "100 MW club" – those facilities that are the largest in the world. The contracts need CPUC approval.

storage, approximately 600 MW of which counts toward state targets. One of the contracts we awarded in 2019 – 100 MW to help meet a local capacity need in the Santa Barbara and Ventura areas – will become one of North America's largest operational lithium-ion battery systems when it comes online.

Renewable PPAs and Storage Advice

The Edison Energy[4] team partners with large organizations globally, including 12 of the Fortune 50, to support ambitious sustainability goals. Edison Energy has advised on over 4,500 MW of power purchase agreements (PPAs), including 1,850 MW of executed deals in 2019

alone. Edison Energy also evaluates the financial and resiliency benefits of energy storage on behalf of our clients. In California, we successfully advised or and executed 665+ MW of wind, solar and storage transactions, including both utility-scale and behind-the-meter projects.

A CLEAN ENERGY AUTOMOTIVE INDUSTRY WITH AMERICAN HONDA MOTOR COMPANY, INC.

In 2019, Edison Energy facilitated the largest clean energy procurement in automotive history on behalf of American Honda Motor Company, Inc. (Honda). The deal, which included two long-term virtual power purchase agreements (VPPAs) totaling 320 MW of renewable power capacity from Oklahoma and Texas, will cover over 60% of the electricity that Honda uses in North America. This procurement deal will help Honda meet its CO_2 emissions reduction goals. Together, the purchases are among the largest VPPA commitments in the U.S. market.

◄

Edison Energy facilitated renewable PPAs on behalf of several clients with EDP Renewables' Arkwright Summit and Los Mirasoles I Wind (Hidalgo) project. Pictured here: "Los Mirasoles Wind Farm," by EDP Renewables North America

4   Edison Energy is not the same company as Southern California Edison, the utility, and Edison Energy is not regulated by the California Public Utilities Commission.

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EFFICIENT ELECTRIFICATION

Electrification of end uses across the economy, including in homes, businesses and industrial applications, is the most cost-effective way to reduce carbon emissions and achieve a clean energy future. We're leading the way in California and nationally, executing on SCE's suite of Charge Ready programs, advocating for policy changes, and investing in technologies and services to make broad-scale electrification a reality.

GOALS

Increase medium- and heavy-duty electric vehicle charging infrastructure across SCE's service area

2024 Receive SCE customer commitments to deploy 8,490 medium- and heavy-duty electric vehicles at 870 sites

Increase light-duty electric vehicle charging infrastructure across SCE's service area

2025 Receive SCE customer commitments to deploy (or commit to deploy for utility-owned installations) at least 52,700 electric vehicle charge ports to serve at least 4,150 sites[1]

THE CASE FOR ELECTRIFICATION

Achieving economy-wide carbon neutrality in California requires bold changes to how we power our lives. Today, the transportation sector accounts for the largest share of GHG emissions in California at 41%, while the electric power sector is only 15%.[2] SCE's Pathway 2045 analysis shows that, over the next 25 years, 75% of vehicles and 70% of buildings will need to be electric, with significant changes to the grid and increases in charging infrastructure.

SCE sponsored a recent report by the Los Angeles County Economic Development Corporation, which found that achieving widespread electrification of transportation will not only benefit the environment but also the California economy. The electric vehicle industry has already created 120,000 new jobs in Southern California (276,000 in California), with annual wages well above the cross-industry average. Opportunities in the sector will continue to expand with greater adoption of electric vehicles.

A 2019 report commissioned by the National Resources Defense Council and the California Electric Transportation Coalition found that electric trucks and buses are more cost-effective than traditionally fueled vehicles, saving money for fleet operators. This is in addition to being better for the environment in terms of lower carbon emissions and less local air pollution.

An Energy+Environmental Economics (E3) study in April 2019 confirmed that building electrification represents an important opportunity to reduce GHG emissions and calls out near-term cost savings for low-rise residential building owners.

ELECTRIC TECHNOLOGY INVESTMENTS

One of the ways we work to advance efficient electrification is by investing in companies that are developing electric technologies and services. Examples of companies we invest in include Proterra, a leader in the design and manufacture of zero-emission electric buses, ViriCiti, which provides monitoring and smart charging solutions for electric vehicle fleets, and AMPLY Power, which offers charging as a service to help fleets transition to electric vehicles. We also recently invested in Optimus Ride, an autonomous software and mobility service provider for shared e-fleets.

NATIONAL LEADERSHIP

Edison International President and CEO Pedro Pizarro is the co-chair of the EEI CEO Electric Transportation Task Force, and past chair of the EPRI Board of Directors Efficient Electrification Working Group. Edison International is also involved in EPRI's new Board Electric Vehicle Infrastructure Working Group. These groups bring together stakeholders from across the country to advance electrification. By working with our peers, we hope to lay the foundation for the nationwide effort required to achieve the benefits of broad-scale electrification.

Transit buses on the assembly line at Proterra's manufacturing plant in the City of Industry, Calif.

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1 Regulatory approval is pending for a significant portion of this program and goal may be adjusted in future reporting years to reflect approval status and program scope.

2 Based on California Air Resources Board California Greenhouse Gas Emissions Inventory, with data from the 2017 Emissions by Economic Sector chart.

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EFFICIENT ELECTRIFICATION

TRANSPORTATION ELECTRIFICATION

Light-Duty Projects

Through SCE's Charge Ready Program, launched in 2016, we help businesses, local governments and members of the public make the switch to electric transportation by increasing the availability of charging stations. SCE covers the costs for installing and maintaining the infrastructure to support the charging stations, which are located in areas like workplaces and universities where people park for four hours or more.

Following the launch of our initial $22 million pilot in 2016, supporting the installation of 1,300 light-duty electric vehicle charge ports, we have since doubled this investment to expand the reach of the program to 2,700 charge ports. As of year-end 2019, 1,278 charge ports have been installed at 83 sites under this program.

We have also proposed investing an additional $760 million over four years to install over 50,000 charge ports across SCE's service area.

Incentives for Adoption

To encourage more people to choose electric when they buy a car, SCE offers the Clean Fuel Reward Program. Through the initiative, customers can apply for a rebate of up to $1,000 when they buy or lease an electric or plug-in hybrid vehicle. The offer applies to used cars as well as new, meaning second and third owners of cars are also eligible for rewards, encouraging more people to opt for electric vehicles.. In 2020, the Clean Fuel Reward will expand to a statewide point-of-sale program, with SCE acting as the administrator.

GROWTH OF ELECTRIC VEHICLES IN SCE'S SERVICE AREA*

Year	Number
2015	58,782
2016	83,005
2017	114,382
2018	163,390
2019	210,140
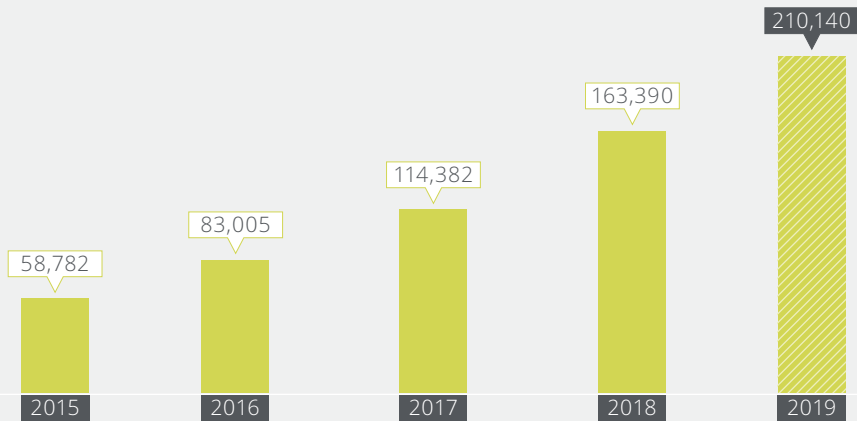
*   Number of registered plug-in hybrid and battery electric vehicles in SCE's service area. Data is as of January 2020 and represents annual light-duty vehicle sales based on third-party registration data sourced from EPRI.

SCE Director of eMobility and Building Electrification Katie Sloan (left) with Pomona, Calif., Chamber of Commerce's Monique Manzanares and Pomona Mayor Tim Sandoval

FAST-CHARGING FACILITIES FOR 7-ELEVEN

In 2019, the convenience store company 7-Eleven became one of the first participants in SCE's Charge Ready Program to install fast-charging infrastructure. The two new fast-charging stations at a 7-Eleven in Pomona allow shoppers to charge their vehicle in just half an hour while they do their shopping.

Following the installation of these fast-charge ports, 7-Eleven is exploring how it can install similar infrastructure at its other sites.

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EFFICIENT ELECTRIFICATION

SCALING LIGHT-DUTY ELECTRIC VEHICLE CHARGING INFRASTRUCTURE

CHARGE READY DC FAST CHARGE
Installing fast-charging stations, which reduce charging times to 30 minutes or less, at five pilot sites in or near state-designated disadvantaged communities,[1] serving customers without access to home charging options (e.g., apartment dwellers).

CHARGE READY HOME INSTALL
Concluding in May 2019, this pilot distributed 2,670 rebates to SCE residential customers who wired their homes for electric vehicle charging. The rebates alleviated one of the major barriers to the adoption of personal electric vehicles – the cost of installing home charging stations.

CHARGE READY SCHOOLS AND CHARGE READY PARKS
Installing hundreds of new electric vehicle charging stations at schools and state recreation area parking lots that will be open to the public.

Medium- and Heavy-Duty Projects
Forty percent of goods entering the U.S. are moved through Southern California regional ports and over its highways and railways. While important for the economy, the goods movement industry is a major source of GHG emissions and air pollution from commercial and industrial vehicles. Electrifying medium- and heavy-duty transportation will not only reduce emissions but improve air quality along local transit corridors, improving the lives of the many SCE customers who live and work in these areas. Through Charge Ready Transport, SCE is investing $356 million in installing infrastructure at 870 SCE customer sites by 2024, making it the largest truck and transit charging initiative in the nation.

Charge Ready Transit Bus Pilot
In 2018, we launched the Charge Ready Transit Bus Pilot, bringing bus charging stations to Porterville in the San Joaquin Valley. The initiative, which was completed in 2019, provided charging infrastructure for 10 new zero-emission buses that were brought in to replace older vehicles that ran on fossil fuels. The Charge Ready Transit program also includes Foothill and Victor Valley, supporting the installation of 30 charge ports at all three sites in total. One of the factors in choosing participants for the program depended on the presence of bus routes traveling through state-designated disadvantaged communities.
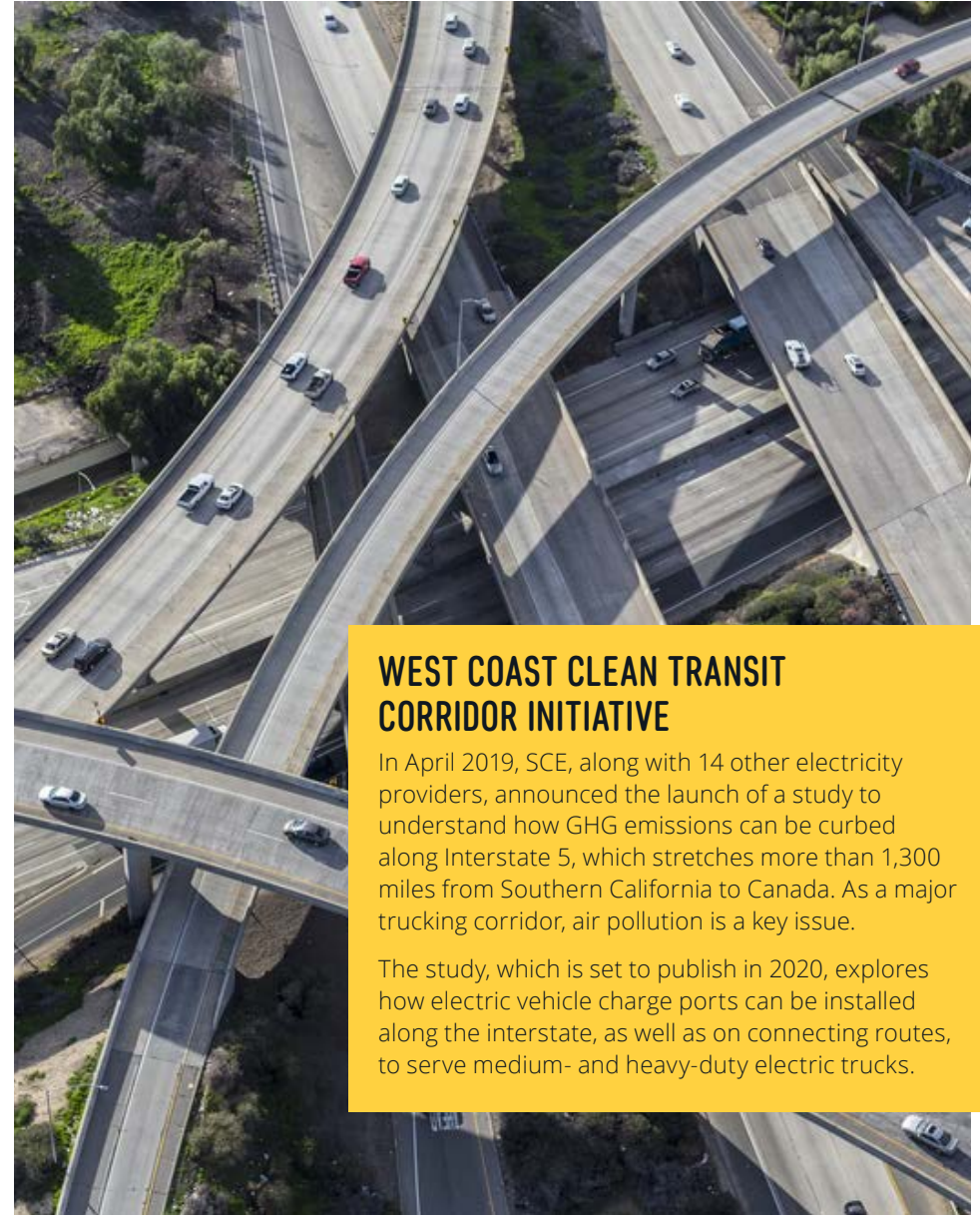
WEST COAST CLEAN TRANSIT CORRIDOR INITIATIVE
In April 2019, SCE, along with 14 other electricity providers, announced the launch of a study to understand how GHG emissions can be curbed along Interstate 5, which stretches more than 1,300 miles from Southern California to Canada. As a major trucking corridor, air pollution is a key issue.

The study, which is set to publish in 2020, explores how electric vehicle charge ports can be installed along the interstate, as well as on connecting routes, to serve medium- and heavy-duty electric trucks.

3 "Disadvantaged communities" is a definition that the state of California uses to indicate those communities that are most heavily impacted by pollution from multiple sources and most vulnerable to its effects.

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EFFICIENT ELECTRIFICATION

BUILDING ELECTRIFICATION

While improving electrification infrastructure for vehicles is vital, transitioning new and existing buildings to electric technologies is just as important. SCE provides services and support for customers to minimize the environmental footprint of their homes and businesses. Currently, building electrification reduces GHG emissions by up to 60% in homes that would otherwise be fueled by natural gas. As electricity gets cleaner, GHG emissions will be reduced even further.

Policy Changes

As well as providing products and services and deploying programs and infrastructure to help customers electrify their vehicles and buildings, we also work with federal agencies, state policymakers and local governments to develop new policies to advance transportation and building electrification. This includes advocating for incentives to support customer adoption and supporting the state of California's nation-leading zero-emission vehicle regulations, which are critical to accelerating the electric vehicle market. We are also working to accelerate infrastructure deployment by pursuing regulatory process improvements through the CPUC OIR to Continue the Development of Rates and Infrastructure for Vehicle Electrification (DRIVE).

SCE has similarly had an active role in shaping a new Building Decarbonization (BD) OIR at the CPUC. The BD OIR, includes in its scope pilots that support residential new construction and market development initiatives for space and water heating. The proceeding will also look at a new policy framework for decarbonizing buildings and pilots for new construction in fire-damaged areas, as well as coordinating building codes and standards for reducing GHG emissions.

SCE also works to advance "reach codes," or local building energy codes, in California. While the CEC's energy efficiency standards ("Title 24") set the minimum efficiency requirements for new buildings, local jurisdictions have the opportunity for establishing even more stringent requirements through reach codes. In 2019, SCE worked with the City of Santa Monica to pass an "All-Electric-Preferred" reach code, which incentivizes all-electric buildings by requiring mixed-fuel buildings, including those fueled by natural gas, to exceed Title 24 energy-efficiency standards by 5–10%.

▲ In addition to the energy savings, induction cookware offers precise temperatures and is quick to heat, yet cool to the touch.

INDUCTION EQUIPMENT LENDING THROUGH SCE'S FOODSERVICE TECHNOLOGY CENTER

SCE's Foodservice Technology Center showcases the latest energy-efficient commercial foodservice equipment and technologies. The center lets customers "test-drive" leading manufacturers' equipment before buying. It also features a one-of-a-kind demonstration kitchen with free workshops on things like kitchen lighting, all-electric induction cooking, and other technologies that can save energy and reduce utility bills.

In 2019, SCE rolled out its first Table Top Induction Range Lending Program. Both residential and business customers can borrow and test the equipment.

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GRID OF THE FUTURE

The grid of the future supports high levels of carbon-free resources, integrates new technologies and services, and remains safe, reliable, affordable and resilient even as the climate continues to evolve. SCE is building it, proposing to invest more than $5 billion annually to create the grid that will enable a clean energy future.

Our Grid Modernization Program
SCE's Grid Modernization Program has three aims to ensure the grid is resilient to cope with rapidly evolving energy demands:

- Enhance system reliability on poorly performing circuits and circuits with high penetration of DERs
- Support customer choice and use of carbon-free energy technologies
- Help California meet its clean energy goals

THE GRID OF THE FUTURE

The energy landscape is changing, and we're challenging ourselves to reimagine the grid to address these changes. As we move toward more carbon-free energy options, we're updating our grid infrastructure to keep it safe, resilient and compatible. System updates are needed to process increasing inputs from renewable energy and distributed energy resources (DERs) such as rooftop solar, on-site energy storage, electric vehicles and energy management systems. At the same time, climate change places new and changing demands on our entire electric system, including accounting for increasing average and extreme temperatures, changes in precipitation, and sea level rise.

SCE is meeting these challenges by modernizing our distribution system, leveraging increasingly sophisticated hardware and software to manage a complex and intelligent grid. We are also empowering and incentivizing customers to adopt DERs by connecting them to markets.

THE MODERN SUBSTATION

Substations are key components of the energy system, receiving electricity from transmission lines and reducing the voltage so it is compatible with wiring in homes and businesses. Substations have operated in virtually the same way for over 100 years.

SCE is leading the way in modern substation development, researching possibilities for replacing existing technologies with up-to-date computer software, virtual relays and fiber-optic cables. This research, which was recognized by the U.S. DOE in 2019, is being carried out at SCE's Grid Technology Center. SCE was awarded a grant of $100,000 through the first Electricity Industry Technology and Practices Innovation Challenge Tier One gold prize to continue research and further grid modernization efforts.

SCE's Grid Technology Center in Westminister, Calif.

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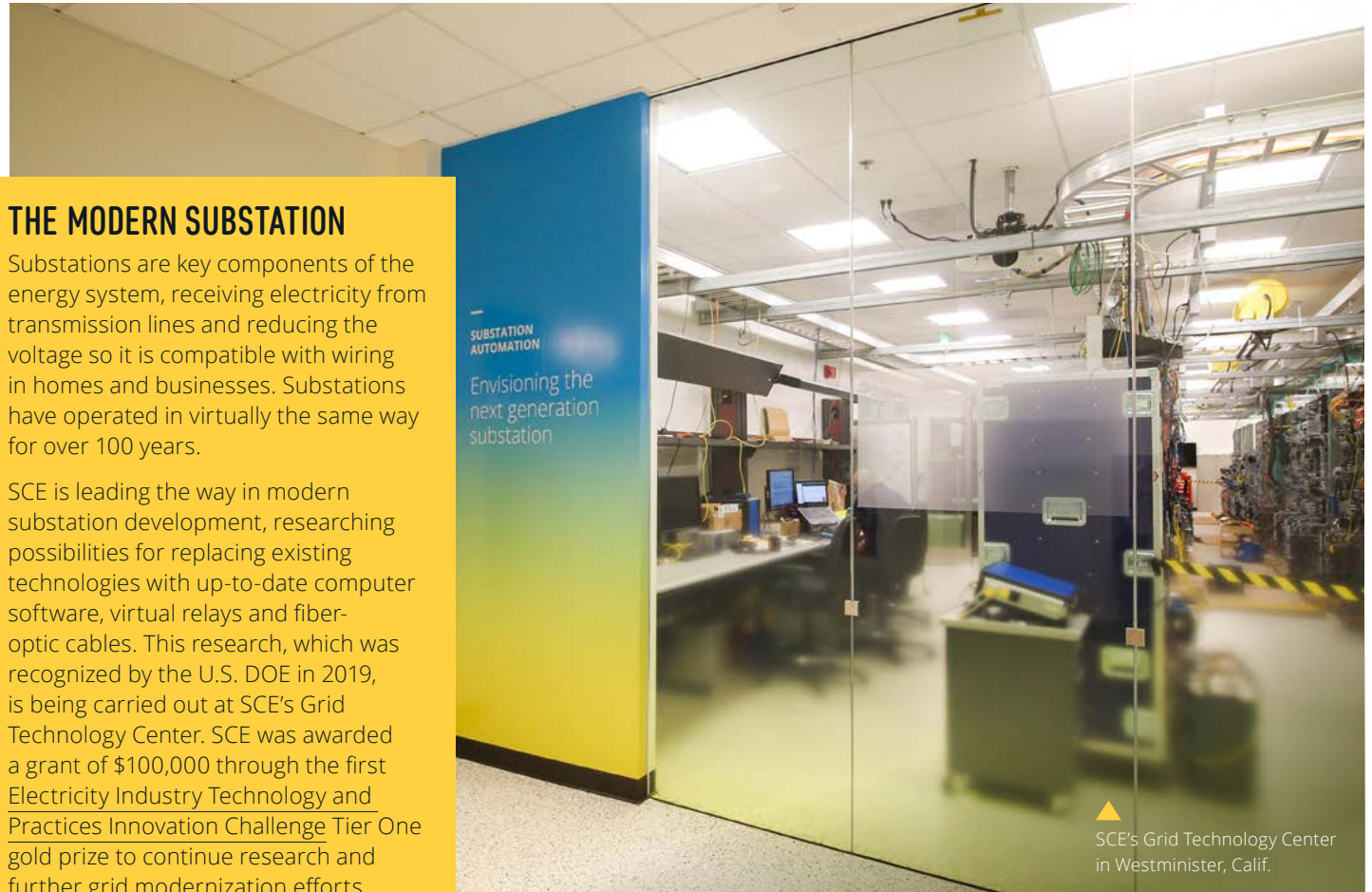
GRID OF THE FUTURE

GRID INTERCONNECTION PROCESSING TOOL

Connecting more clean, renewable energy to SCE's grid – whether from utility-scale DER developers, or from SCE customers adopting behind-the-meter DERs – is important to achieving the state's vision of a clean energy future.

SCE introduced its Grid Interconnection Processing Tool (GIPT) to both streamline the interconnection request process and keep pace with the growing queue of requests. A big step up from previous technologies, the web-based GIPT simplifies the application process for external users, lets them retrieve and review the results of SCE's interconnection analysis, and submit electronic payment when required. On the SCE side, the GIPT eases the process of reviewing applications, evaluating requests and generating contracts.

Providing applicants greater visibility to the analysis process, the GIPT is expected to improve the overall user experience and increase customer satisfaction. For SCE, making the interconnecting process more efficient ultimately leads to a cleaner, more decarbonized energy supply.

Advanced Grid Management

Historically, the power system has been one-directional, moving electricity from utility to customer. SCE is continuing to transform infrastructure and operations to create a two-directional system, enabling DER owners to supply carbon-free energy back to the grid.

DERs Connected to Markets

Integrating DERs into the distribution system doesn't just benefit DER owners but everyone connected to the grid. When customers adopt DERs, they become suppliers, selling surplus power and energy storage capacity back to SCE.

Delivering this energy at the right time, and in the right areas, can reduce the need for capital upgrades, cutting infrastructure costs and increasing system efficiency overall.

Use of DERs is increasing. In 2019, SCE interconnected an average of 4,013 solar installations to the grid each month, an increase of approximately 8% year-over-year. The use of behind-the-meter energy storage grew even more rapidly – increasing by 59% year-over-year compared to 2018. To promote adoption, SCE offers incentives to maximize customer benefits.

PROJECTED GROWTH OF SELECT BEHIND-THE-METER DERs IN SCE'S SERVICE AREA

Solar Photovoltaic (PV)

Cumulative Installs

- 412,413 — 2020
- 790,357 — 2025
- 1,079,892 — 2030

Energy Storage

Cumulative Installs

- 12,439 — 2020
- 60,324 — 2025
- 164,029 — 2030
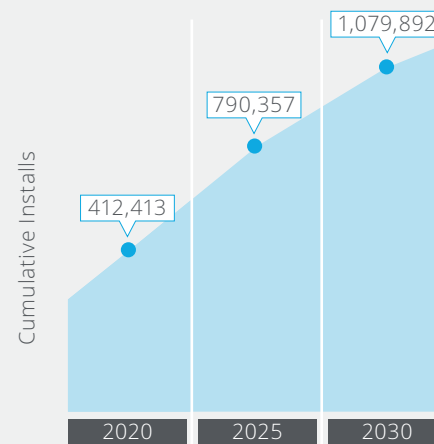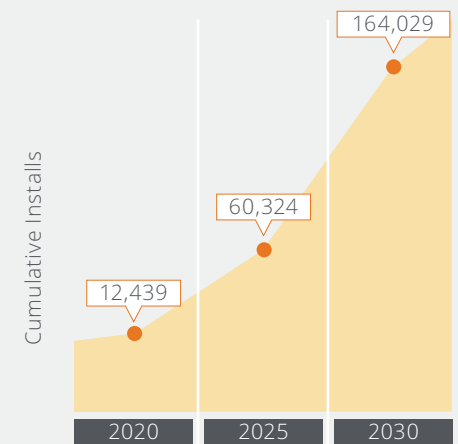
All numbers are forecasted cumulative installs from the 2019 Q4 Sales Forecast.

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CUSTOMER CHOICE

At SCE, we're giving customers access to everything from rooftop solar and energy storage to electric vehicles and charging infrastructure. We support our customers' option to purchase power through Community Choice Aggregation (CCA) and Direct Access (DA). At Edison Energy[1] we're helping our large commercial, industrial and institutional customers align their investments to lower costs, mitigate risk, and improve efficiency and resiliency.

ACCESS TO CLEAN ENERGY TECHNOLOGIES

We're expanding our customer-facing programs to include more clean energy offerings that are accessible to all, focusing in particular on increasing customer adoption of solar, storage and electric end uses, like vehicles and appliances.

To encourage adoption of clean technologies, such as electric vehicles, electric heat pumps and energy storage, we implemented a new Time-Of-Use (TOU) rate, called Prime, in March 2019, which provides customers using electric technologies with lower rates when energy is cleanest and most affordable. The new rate expands the TOU options already available to electric vehicle owners to customers with electrified building technologies, enabling them to lower their bills by managing the time of day they use electricity. We offer additional incentives to customers reducing the cost of installing new energy storage systems through our Self-Generation Incentive Program, supporting significant growth in the adoption of behind-the-meter systems.

By the end of 2019, more than 335,000 SCE customers had connected solar to the grid.

We also continue to incentivize customer-sited solar. By the end of 2019, more than 335,000 SCE customers had connected solar to the grid. Our Net Energy Metering rate provides incentives for customers who install solar panels on their roof, and over the years SCE has improved connection times to just two to three days.

To support customers in underserved communities, we have committed $42 million in customer incentives in 2019 for the installation of solar through our Single-family Affordable Solar Homes (SASH), Disadvantaged Communities – Single-Family Solar Homes (DAC-SASH), and Solar on Multifamily Affordable Homes (SOMAH) programs.

To provide easy access to information for customers interested in installing solar panels, we recently added a solar section to our SCE Marketplace. Customers can use this free service to compare solar company installers to find the best deal for them and receive a $500 discount on installed systems. Plans are now underway to introduce a similar service for energy storage options.

For customers who don't have the option to install solar or energy storage at their properties, we offer our Green Rate and Community Renewables programs. Customers who enroll can choose to power their home or business with 50–100% solar energy through third-party renewable power purchase agreements that SCE procures on the customers' behalf.

SCE is also expanding programs to bring renewable energy resources to more people in state-designated disadvantaged communities.[2]

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1   Edison Energy is not the same company as Southern California Edison, the utility, and Edison Energy is not regulated by the California Public Utilities Commission.
2   "Disadvantaged communities" is a definition that the state of California uses to indicate those communities that are most heavily impacted by pollution from multiple sources and most vulnerable to its effects.

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CUSTOMER CHOICE

INCENTIVES FOR EFFICIENT AND CLEAN ENERGY USE

Energy Efficiency Incentives

SCE's energy efficiency programs incentivize customers to make changes resulting in more efficient electricity use. These changes include replacing old appliances, like heating and air conditioning systems, lighting, and industrial process equipment, with more energy-efficient models.

In 2019, 1,168 gigawatt hours (GWh) of energy were saved through the more than 90 energy efficiency programs that SCE offers. This translates into a reduction in CO_2 emissions of approximately 130,000 tons.

TOU Incentives for All Customers

As intermittent renewable resources like wind and solar are added to the grid, the time and location of customers' energy use is increasingly important to meeting our clean energy goals. In 2019, we expanded TOU rates for residential customers, with more than 458,000 residential customers now using this rate. TOU rates aim to lower energy demand during peak hours, which supports GHG emission reduction goals by encouraging customers to shift use to times of day when the energy supply is cleaner. All commercial customers are on TOU rates, and SCE will continue expanding this rate to more residential customers with a goal of reaching most customers by March 2022.

Rewards for Short-Term Energy Use Reductions

During peak energy times when intermittent renewable resources like solar or wind are not sufficient to meet demand, a higher input is required from gas-fired power plants to maintain reliability. Our Demand Response (DR) programs reward participants for making short-term reductions in their energy use based on alerts from us or our partner companies, often reducing the need for some of this incremental gas-fired generation.

SMART SPEAKER DEMONSTRATION PROJECT

In 2019, SCE launched a 12-month Smart Speaker Demonstration Project in partnership with consumer electronics company Universal Devices. The project studies the energy efficiency potential in connecting voice-activated virtual assistants – Amazon's Alexa, Apple's Siri, and others – to smart home devices and appliances.

Smart speakers, thermostats, plugs and light bulbs were provided to 100 SCE customers enrolled in TOU rate plans. The study evaluates potential energy savings when customers ask their smart speaker about personal energy use ("When is the best time to use my appliances?") or when connected smart devices are optimized based on TOU rates and/or customer preferences.
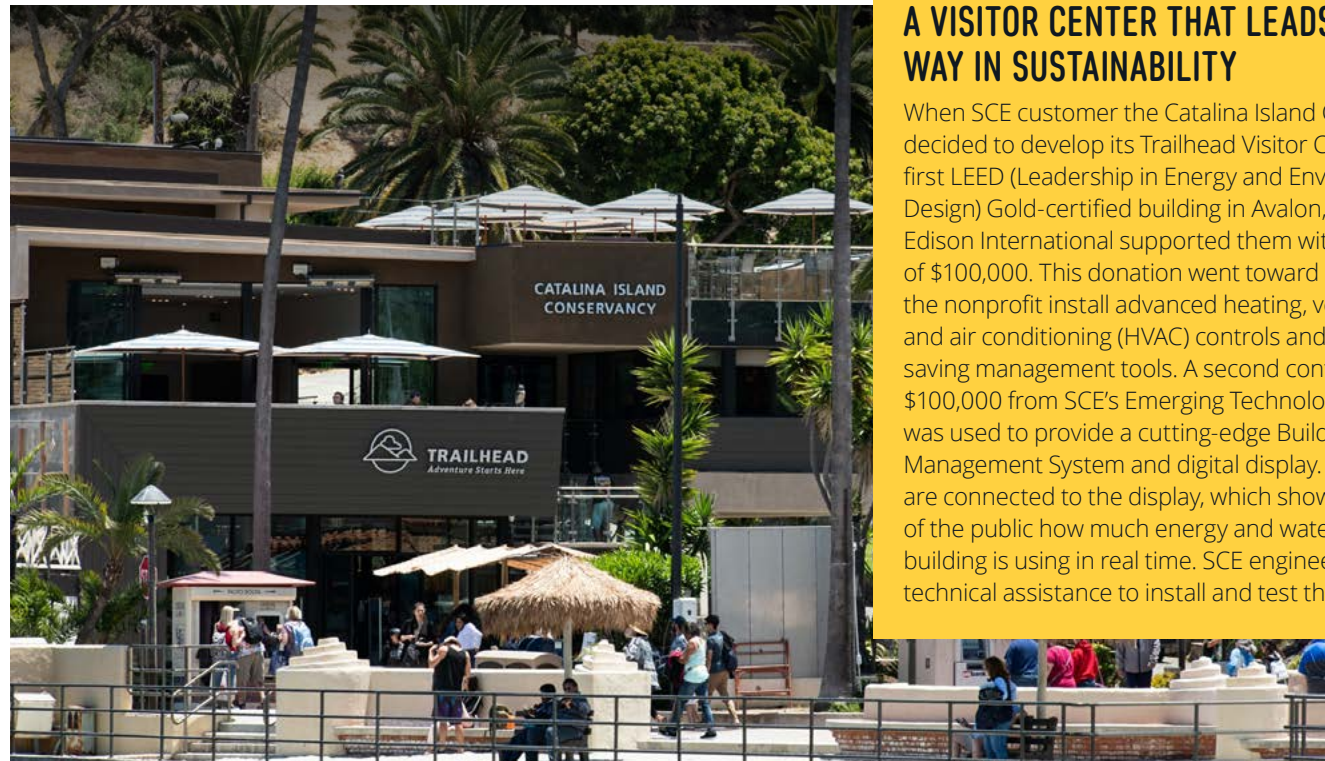
A VISITOR CENTER THAT LEADS THE WAY IN SUSTAINABILITY

When SCE customer the Catalina Island Conservancy decided to develop its Trailhead Visitor Center as the first LEED (Leadership in Energy and Environmental Design) Gold-certified building in Avalon, Calif., Edison International supported them with a grant of $100,000. This donation went toward helping the nonprofit install advanced heating, ventilation and air conditioning (HVAC) controls and energy-saving management tools. A second contribution of $100,000 from SCE's Emerging Technologies program was used to provide a cutting-edge Building Energy Management System and digital display. These tools are connected to the display, which shows members of the public how much energy and water the building is using in real time. SCE engineers provided technical assistance to install and test the systems.

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CUSTOMER CHOICE

SCE offers a variety of DR programs. In 2019, over 280,000 accounts enrolled in these programs, with 912 MW of resources made available for reduction if required.

Smart Energy Program

Through this year-round, event-based program, participating customers' smart thermostats may be turned down to limit air conditioning use during DR events. In return they receive a one-time $75 sign-up bonus as well as up to $40 annually.

In 2019, SCE helped Penske bring heavy-duty truck fast charging to Southern California truck leasing sites.

Credit: Courtesy of Penske Truck Leasing

ENERGY STORAGE FOR HOME DEPOT

In 2019, Edison Energy[1] advised and assisted The Home Depot in a review of a portfolio of solar and solar plus storage projects in California and Hawaii that would add to their alternative energy development portfolio. Solar projects were valued against current energy procurement rates and strategies. Storage contributed value through rate arbitrage, peak shaving, or in the case of Hawaii, protection from a lack of net metering policy. Implementation of storage was site specific and uniquely structured to each location.

Summer Discount Plan

Through the Summer Discount Plan, residential participants can earn up to $140 in credits by allowing SCE to install remote-controlled devices on or near air conditioners that can be turned off, or cycled, during DR events.

THE MULTI-STAKEHOLDER LANDSCAPE OF TODAY

There are many stakeholders involved in the planning and procurement of energy to serve customer needs. Local governments may choose to enter their communities into a CCA program; commercial and industrial customers may enter into long-term contracts with third parties for energy as part of DA; and individual customers may opt to install rooftop solar, connect energy storage and otherwise self-generate.

SCE is committed to partnering across this stakeholder landscape to provide customers with reliable service and optimal customer experience. This means offering and supporting customer choices around how their energy is generated, while providing transmission and distribution services to all. SCE also takes seriously its role as a provider of last resort for all customers.

WHAT IS A CCA?

In 2002, Assembly Bill 117 was signed into law, permitting participation in Community Choice Aggregation (CCA). A CCA is an entity formed by cities, counties and Joint Power Authorities (JPAs) to procure electricity for individual customers within a defined jurisdiction. Customers not wishing to participate may opt out. Under CCA guidelines, SCE continues to deliver electricity through its transmission and distribution system. SCE also provides meter reading, billing, maintenance and outage response/restoration services.

1 Edison Energy is not the same company as Southern California Edison, the utility, and Edison Energy is not regulated by the California Public Utilities Commission.

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PROTECTING THE ENVIRONMENT

▲
Young kelp formation, Wheeler North reef project, San Clemente, Calif.

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ENVIRONMENTAL STEWARDSHIP

Environmental regulation in California is some of the strictest in the nation. Our compliance program, which is managed through our robust environmental management system, is critical to ensuring we adhere to all relevant laws and regulations. We're focused on minimizing our environmental impact, while improving biodiversity and habitat restoration where we do have impacts.

OUR APPROACH

Environmental compliance is critical to our daily business. SCE's environmental management system, an internal framework of policies, standards and programs, ensures requirements are identified, integrated into operations and controls applied to ensure compliance. Developed in alignment with the ISO 14001 standard, the system covers all aspects of our utility operations, from facility and fleet operations to infrastructure improvements and site remediation. Additionally, our software system automates compliance processes by assigning compliance tasks to responsible employees, collecting results from facility assessments and reviewing projects for environmental impacts.

We monitor the effectiveness of our compliance program year-over-year by tracking key metrics and performing program assessments. One metric we track is the number of violations found during regulatory agency site visits. In 2019, we had 587 regulatory agency inspections, a 14% increase compared to 2018. Of these, 97% of the inspections had zero notices of violations, slightly down from 99% in 2018. We also manage

a robust environmental compliance training program with over 21,000 course enrollments in 2019.

Cross-Functional Engagement

SCE's Environmental Leadership Council is a cross-functional, executive-level group responsible for evaluating environmental policies and procedures to ensure consistency with regulatory requirements. Among other topics, the Council evaluates instances of noncompliance, sharing best practices and identifying improvement opportunities.

Predictive Analytics for Environmental Resource Reviews

The SCE Environmental Services Department facilitates environmental permitting and compliance across the company. This includes reviewing the potential impacts of infrastructure developments and maintenance projects and preparing mitigation plans. In 2019, we conducted nearly 40,000

environmental reviews of transmission and distribution infrastructure projects to understand the risk of disturbance to sensitive habitats and archaeological sites.

In 2019, we conducted nearly 40,000 environmental reviews. While, in a typical year, 60–70% of those reviews are for routine maintenance projects with minimal environmental impact,

the remaining submissions are more complex and can take months to review and approve.

To expedite the process, in 2019, we retrofitted our environmental clearance system with a predictive analytics model. The model automates and streamlines the review process, enabling infrastructure development reviews to be completed effectively in a shorter time frame.

▶ An SCE crew attaches a wood and wire osprey nesting platform to a power pole at Loyola Marymount University.

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ENVIRONMENTAL STEWARDSHIP

SCOPE 1, 2, AND 3 EMISSIONS

SCE's GHG inventory allows us to track our emissions over time, identify reduction opportunities and communicate transparently with stakeholders about our performance. SCE's GHG emissions fall into three scope categories, which SCE accounts for annually using The Climate Registry's General Reporting Protocol.

Scope 1 and 2 emissions comprise 14% of SCE's total emissions, with less than 20% of power delivered to customers coming from SCE-owned generation assets. The remaining 86% are Scope 3 emissions, attributable to purchased power for customers.

Though Scope 1 and 2 emissions represent a small portion of our overall footprint, we review our operations and facilities to identify reduction opportunities. Examples include the recent addition of batteries at two of our peaker plants, energy efficiency projects at our facilities and the addition of all-electric forklifts to our fleet.

Our Scope 1 emissions have declined 26% since 2017; however, they show an increase over our 2018 performance. In 2019, our largest natural gas asset, Mountainview Generating Station, which contributes roughly 85% of SCE's Scope 1 emissions, was economically dispatched by the California Independent System Operator (CAISO) for more hours than in 2018. While

TOTAL ESTIMATED EMISSIONS 2019[1]
(million metric tons CO_2e)

15.8

Scope 1[2]
1.4 (9%)

Scope 2[3]
0.8 (5%)

Scope 3[4]
13.6 (86%)

year-over-year dispatch varies based on a number of factors including local electricity supply and demand, natural gas prices, and plant availability, SCE forecasts that Mountainview will run less over time than it has historically due to increased renewable and battery storage capacity available in the market.

Our Scope 2 emissions are down 33% compared to 2018 due to a reduction in transmission and distribution (T&D) line loss emissions caused by a reduced load.

Our Scope 3 emissions declined 14% compared to 2018 due in part to a larger proportion of renewables in our purchased power portfolio. We anticipate that Scope 3 emissions from purchased power will decline to zero or near zero by 2045, meeting state requirements for delivery of 100% carbon-free electricity. We are also evaluating how to incorporate other aspects of our operations into Scope 3 accounting and monitoring, including from our supply chain, business travel and employee commuting.

EMISSIONS YEAR-OVER-YEAR COMPARISON[5]
(million metric tons CO_2e)

● Scope 1 emissions
● Scope 2 emissions
● Scope 3 emissions

Scope 1 and 2 emissions
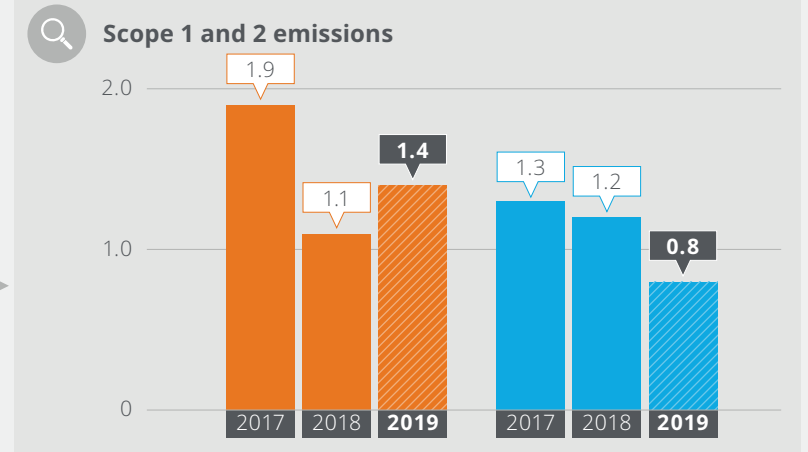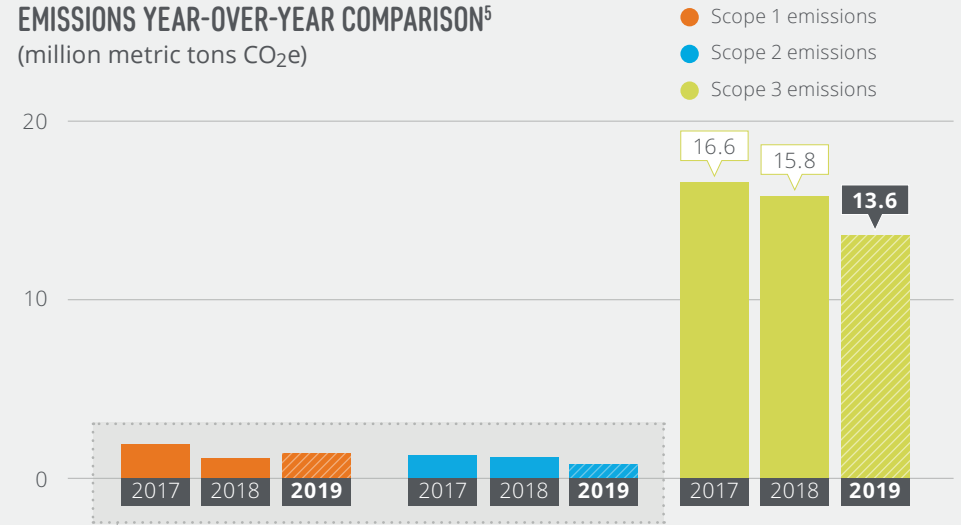
1. These calculations include as an input an estimate of SCE's 2019 delivered power mix using the methodology prescribed by the CEC PSDP as of April 23, 2020. SCE's final PSDP report will be filed with the CEC on July 20, 2020, and may include updates to the inputs used in these calculations.
2. Scope 1 emissions are direct emissions under the control of the company, including utility-owned generation (8%), stationary and mobile combustion (each <1%), and fugitives (SF_6 from T&D operations <1%).
3. Scope 2 emissions are indirect emissions required for business processes, including facility electricity (<1%) and T&D line losses (5%).
4. Scope 3 emissions are emissions released as a consequence of the company's activities, including specified and unspecified power purchases to serve customers (86%).
5. See Sustainability Scorecard for additional details

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OUR OPERATIONS

We actively improve the efficiency of our generation, transmission and distribution operations and assets to reduce emissions and preserve natural resources.

RESPONSIBLE MANAGEMENT OF GENERATION ASSETS

SCE-owned generation assets consist predominantly of natural gas, hydroelectric and nuclear power plants. SCE does not own coal generation.

SCE's natural gas assets are all based in Southern California and are SCE-owned and operated for local reliability purposes. The plants are some of the cleanest and most efficient natural gas generation resources in the U.S. SCE's largest plant, Mountainview Generating Station, is a 1,104 MW natural gas combined-cycle (NGCC) peaking resource. NGCC is the most efficient design currently in practice and considered the best system of emission reduction (BSER) for GHGs.

We also operate five peaker plants. In 2016, we installed Enhanced Gas Turbine (EGT) hybrid technology at two of these plants, combining battery energy storage with natural gas generation. The batteries allow the plants to offer spinning reserve without running the gas turbines. The result has been a reduction in annual turbine startups of approximately 50% and annual run hours of 60%. This in turn leads to an annual reduction in criteria pollutants and GHG emissions of roughly 60% when compared to the non-EGT peakers.

Through water planning and control system improvements, SCE has enhanced the flexible operation capacity of Big Creek, our largest hydroelectric resource. The improvements enable Big Creek to provide ancillary services that help the integration of renewable energy resources into the grid.

SONGS Decommissioning

In 2013, after more than 40 years of operation, we decided to permanently retire the San Onofre Nuclear Generating Station (SONGS). To guide our decommissioning efforts, we established the principles of safety, stewardship and engagement.

At present, our key initiatives are to transfer the spent fuel from cooling pools to our on-site passive dry storage facility, promptly dismantle the plant structures and take action to explore alternatives for relocating the spent nuclear fuel to a licensed off-site facility. The transfer of spent fuel to dry storage is well underway and on pace for completion by mid-2020.

The meticulous dismantlement began in early 2020 after an extensive environmental review process with state agencies and will continue for approximately eight years. In early 2019, we began to develop a strategic plan to explore relocating the spent fuel off-site and that plan will be released in early 2021. A SONGS Community Engagement Panel—formed to provide a two-way conduit for information about decommissioning—convenes public meetings on a quarterly basis. Further in support of engagement and openness, a dedicated website provides members of the public and other stakeholders with information on the decommissioning project and related developments.

OCEAN REJUVENATION AROUND SONGS THROUGH LARGEST MAN-MADE REEF IN U.S.

Through a $20 million investment, SCE is more than doubling the size of its Wheeler North Reef, which was developed in 2008 off the coast of San Clemente to mitigate ocean biodiversity impacts related to SONGS. The goal of the 200-acre expansion is to increase the fish biomass and kelp area to meet reef performance standards as outlined in the SONGS Coastal Development Permit.

The new reef, which is set to be completed in 2020, will provide capacity for up to 28 tons of residential fish per year and will be the largest man-made reef in the U.S.

Jenny McGee, SCE project manager, chats with oceanographer Dr. Hany Elwany.

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OUR OPERATIONS

IMPROVED WATER EFFICIENCY

SCE monitors water withdrawals from its generation assets. In 2019, our total water withdrawal was 407 million gallons, the majority of water use coming from Mountainview. Mountainview is a unique water-cooled power plant in that 99% of the water it uses comes from non-potable water sources. These sources include reclaimed water from the City of Redlands municipal effluent and non-potable groundwater from the area's mid aquifer. Mountainview's wastewater treatment plant recovers up to 85% of the used water that would otherwise be disposed as permitted brine discharge.

Alternative Water Sources

SCE manages stormwater runoff on construction sites, protecting against erosion and reducing waterway pollution by preventing sediment from entering nearby water sources. In 2019, SCE's Mesa Substation Project captured and reused 288,000 gallons of rainwater for on-site dust control and compaction. Capturing and reusing rainwater reduces the use of potable water and minimizes excess runoff from reaching nearby water resources.

A SECOND LIFE FOR MATERIALS

SCE manages over 30 different waste streams and prioritizes reducing, reusing and recycling waste material wherever possible. To reduce the overall volume of material entering our waste streams, we review our programs and procedures and work with regulatory agencies to identify opportunities. For example, in 2019, we reviewed our soil management procedures to maximize the quantity of soil that can be reused at our sites. We also improved our soil waste sampling procedures to minimize the volume of hazardous waste by collecting a more thorough and representative sample for waste characterization.

In 2019, we additionally found reuse and recycle opportunities for 45.2 million pounds of asset material. For material we can't salvage, we look for resale or donation opportunities with other organizations. One example is, each year, we recycle thousands of gallons of oil from large substation transformers. In 2019, we also recycled 6.2 million pounds of material from 11 substation power transformer dismantlements.

We also participate in a program designed to make it easier for companies to recycle universal waste batteries and small electronic devices. Each year, we recycle approximately 11,000 pounds of batteries. In 2019, we also recycled over 360,000 pounds of universal waste electronic devices and lamps.

PROTECTING CALIFORNIA'S BURROWING OWLS

As housing developments have expanded, California's population of burrowing owls has found their habitat being overtaken. Numbers have now declined to a point that the state has declared them a Species of Special Concern.

In 2019, SCE volunteers supported the Pomona Valley Audubon Society in developing new habitat for the birds. The team built eight artificial burrows in the College Park housing development, using items readily available in a hardware store and following instructions provided by the San Diego Zoo's Burrowing Owl Recovery Program.

The hope is that owls will find the burrows in time for the next breeding season, increasing numbers of these vulnerable underground birds.

Learn more about **protecting native species** and **maintaining historic and cultural artifacts**.

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OUR OPERATIONS

Alternative Materials for Infrastructure

As well as reducing waste to landfill, we also consider the materials we use in our transmission and distribution infrastructure. We investigate opportunities to switch to materials with a lower environmental impact. For example, we are working to replace petroleum-based mineral oil with vegetable-based cooling FR3 fluid in overhead transformers. This change is beneficial for the environment, improves equipment performance during summer heat and increases equipment life expectancy.

BIODIVERSITY AND NATURAL HABITAT PROTECTION

Biodiversity and natural habitat protection are key considerations for SCE as we modernize and update our grid infrastructure and deliver on our Wildfire Mitigation Plan. We are committed to protecting special status species, their habitats, ecosystems and cultural resources where we operate.

Our primary goal in any work is to proactively avoid impact on natural resources by implementing best management practices. In the event environmental impacts are unavoidable, we develop avoidance and minimization measures to reduce any impacts to natural resources. In the event that we do impact resources, we work with regulatory agencies to restore and mitigate for the impacts.

We have a robust environmental review process whereby infrastructure developments and maintenance projects are reviewed to understand the risk of disturbance to sensitive habitats and archaeological sites, as well as community concerns. In 2019, we conducted nearly 40,000 environmental reviews of transmission and distribution infrastructure projects to understand the risk of disturbance to sensitive habitats and archaeological sites. While 60–70% of the project reviews have minimal environmental impacts, the remainder typically require some form of resource protection measures. Our experts review the project for sensitive resources and compliance requirements for local, state and federal environmental regulations and determine the appropriate measures to implement.

When impacting resources cannot be avoided, we obtain permits and authorizations from the resource or land management agencies with jurisdiction. We then execute on the permit requirements, monitor and track progress of the measures and report back to the agencies.

SCE has protected, enhanced or restored over 4,400 acres of land throughout its service area. Our SCE biodiversity team of 35 people works with hundreds of consultants and environmental experts to identify species and habitat resources, analyze potential effects, develop best

OVER 4,400 ACRES OF HABITAT PROTECTED, ENHANCED OR RESTORED (ACRES)

Acreage in aggregate

- 2017: 3,906
- 2018: 3,944
- 2019: 4,401
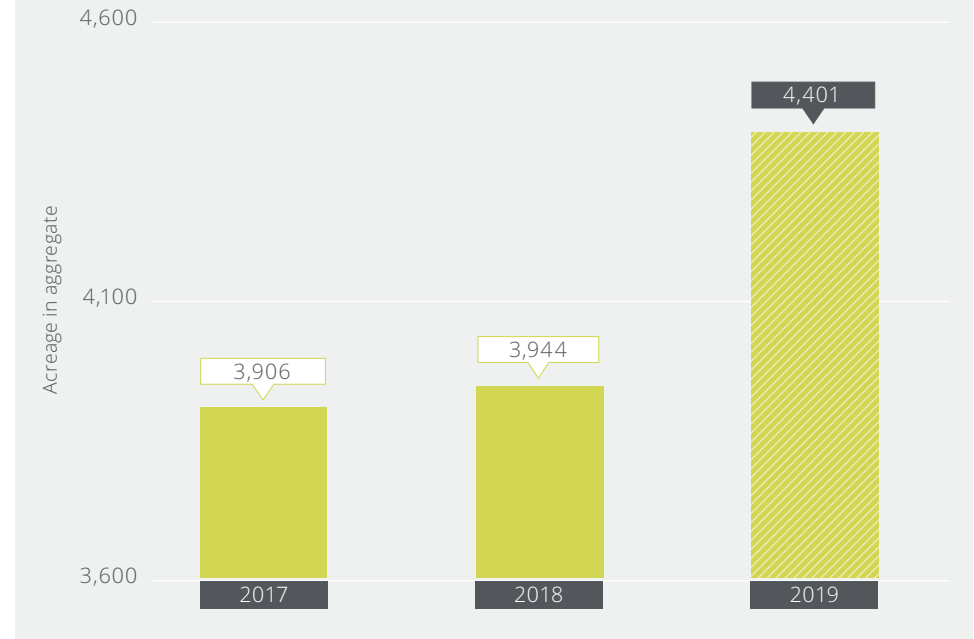
management practices and conduct restoration efforts across our operational footprint. Additionally, we ensure vegetated communities are properly mapped, and ensure the protection of wetland, riparian and upland areas via avoidance measures.

Forestry

We manage 20,000 acres of Sierra Nevada forestland near Shaver Lake and Dinkey Creek, east of Fresno, Calif. Our efforts focus on healthy, diverse, wildfire-resilient forest conditions, and are helping wildlife populations – including bald eagles and spotted owls – to thrive. Our community-based approach to forest management includes consideration for community values and has led to a healthier forest and a safer community for everyone.

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OUR OPERATIONS

For more than 40 years, SCE's forestry staff has been dedicated to fostering and maintaining a healthy forest as part of our approach to biodiversity.

Community Engagement
We work closely with local communities to identify and protect environmentally and culturally sensitive areas. We undertake comprehensive environmental reviews and stakeholder engagement to identify potential biodiversity and community impacts, and seek input from residents, businesses, landowners, Tribal Nations, government and other stakeholders to address and mitigate concerns. We participate in multi-stakeholder collaboration groups, such as the California Biodiversity Initiative and the San Gabriel Mountains Community

Collaborative, that are designed to improve biodiversity.

SCE also engages Tribal Nations under regulatory and public outreach processes to ensure their interests are taken into consideration when planning projects that have the potential to affect resources of Native American origin. We are committed to working collaboratively to understand and avoid or minimize impacts.

Protecting ecosystems where we operate
From the desert tortoise and California condor to the Mohave ground squirrel, SCE's biologists are dedicated to carefully protecting species, habitats and ecosystems where we operate.

The desert tortoise, California's official reptile, has seen its population shrink 90%, putting it on threatened species lists. We have implemented special precautions when conducting upgrade and maintenance work, such as assigning spotters to work trucks to help drivers avoid running over tortoises and calling trained biologists to safely remove tortoises from work areas. Additionally, we provide drivers with orange cones displaying "LOOK OUT FOR TORTOISES" to place next to their vehicles when they

park to remind them to check under their vehicles for tortoises seeking shade.

Since 1988, SCE has operated an avian-protection program to protect endangered, migratory and other birds from electrocution, while also preventing power outages that can be caused by birds.

Through our corporate philanthropy efforts, we also voluntarily partner with over 120 environmental nonprofits to help restore habitats and maintain biodiversity.

WILDFIRE PROTECTION BEGINS WITH A HEALTHY FOREST

Our forest management program, overseen by our Forestry Operations group, utilizes a number of methods to minimize the threat of wildfires and increase forest resiliency. These include strategically planting native trees and plants, building firebreaks to help stop fires on or near utility land, and conducting prescribed burns to rid overgrown brush, small trees and dead material that could otherwise serve as fuel for a more dangerous blaze. We implement an uneven-aged approach to forestry, where we remove mature trees, giving room for young trees to grow, which produces proper stocking levels and supports healthy forest growth.

At SCE's Shaver Lake forest, we are working to restore the forest to something akin to its original state, when wildfire was a natural part of the forest's ecology, with the goal that the forest will be more resistant to disease, bark beetles and catastrophic blazes that have become increasingly frequent and devastating due to climate change.

A side benefit is that by planting new trees to create a healthy forest, it will help remove carbon from the atmosphere, one of the methods cited in SCE's Pathway 2045 analysis to help the state become carbon neutral by 2045.

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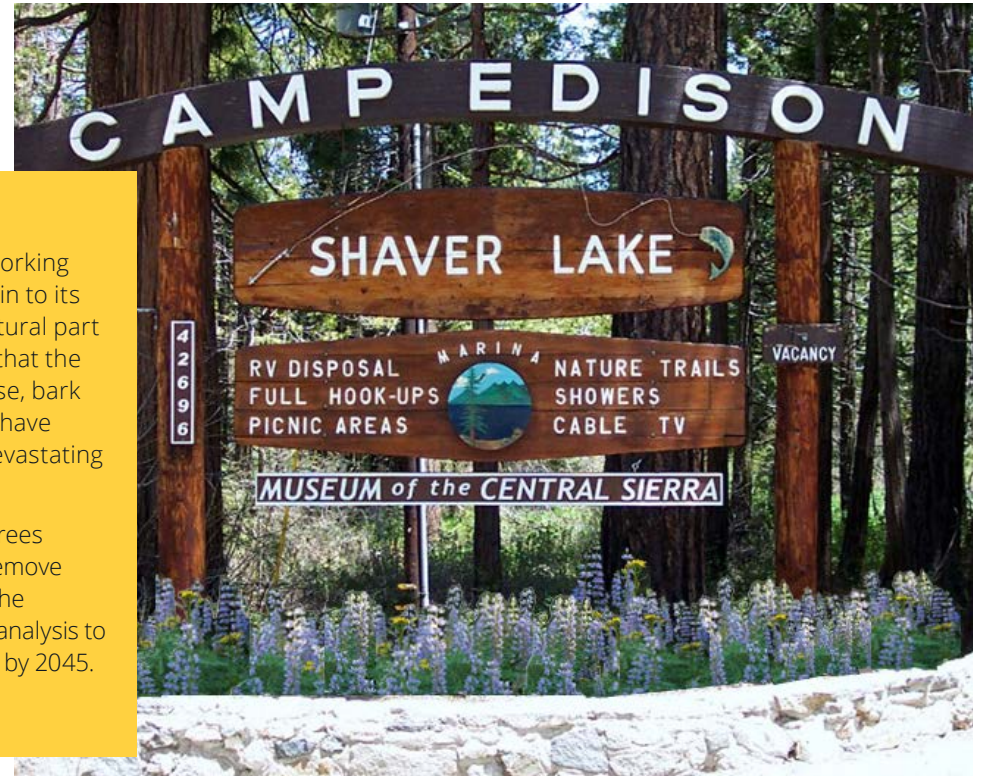
OUR TRANSPORTATION FLEET

SCE manages and operates a fleet of over 6,200 vehicles, helicopters and off-road equipment. We're focused on electrifying our fleet to reduce emissions in our communities, minimize fuel and maintenance costs, and demonstrate electrification to our customers.

GOAL

Increase electrification of SCE's transportation fleet in alignment with Pathway 2045 and company's clean energy strategy

2030 Electrify:
100% of light-duty vehicles
30% of medium-duty vehicles
8% of heavy-duty vehicles
60% of forklifts

FLEET ELECTRIFICATION

SCE is an industry leader in fleet electrification, and we're electrifying our fleet in line with Pathway 2045 and our clean energy strategy. We aim to have 100% of light-duty vehicles, 30% of medium-duty vehicles, 8% of heavy-duty vehicles, and 60% of forklifts in our fleet electrified by 2030. We also continue to exceed our 2014 commitment through EEI to dedicate at least 5% of our annual fleet acquisition spend on electric options; we achieved 12% in 2019. As of year-end 2019, 13% of our overall fleet incorporated electric technologies.

Annually, we complete a ten-year fleet replacement plan as we work across the organization and with original equipment manufacturers (OEMs) to forecast and electrify our fleet. Our current procurement strategy is to electrify when OEM options are available and as replacement vehicles, or new vehicles, are needed. Criteria to support SCE fleet electrification efforts are vehicle product availability, safety, reliability, functionality and affordability.

Investments for Fleet Charging Infrastructure

As we increase the proportion of electric vehicles and equipment in our fleet, there is a need to invest more in fleet charging infrastructure. As of year-end 2019, we have installed over 370 charge ports at our facilities. We expect to need approximately 1,300 additional charge ports to achieve our 2030 fleet electrification goals.

TRANSPORTATION ELECTRIFICATION
Percentage of Fleet Vehicles With Electric Technologies*

11% — 2017
12% — 2018
13% — 2019

* Figures include electric vehicles, hybrid electric vehicles and vehicles with plug-in technology.

Mauro Delgado III, SCE materials handler, driving an electric forklift in Irwindale, Calif.

REDUCING AIR AND SOUND POLLUTION WITH ELECTRIC FORKLIFTS

Across industry, forklifts running on traditional fuels have been the standard. However, as electrification technology has improved, SCE has gradually been replacing its 310 forklifts with electric versions. To date, 151 vehicles in the forklift fleet, or 47%, are electric.
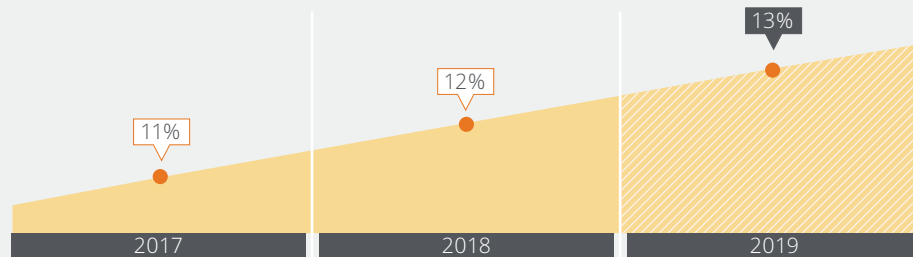
The new forklifts are much quieter than traditional models, reducing noise pollution. They also contribute to our commitment to reduce GHG emissions and air pollution and will be more economical in the long run, requiring less maintenance than combustion engines.

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OUR FACILITIES

We are implementing energy efficiency measures throughout our facilities, bettering building performance over time, and providing safe and healthy working environments for our employees. We encourage our employees to engage in sustainability projects across the company and offer ways for them to reduce their personal carbon footprint.

SUSTAINABLE BUILDINGS

We're working to reduce the environmental impact of our facilities. SCE has a real estate portfolio with over 1,300 buildings, including service centers, operations buildings and offices. By building count, 99% of those buildings (79% by square footage) use electricity as the primary fuel source. Additionally, our headquarters in Rosemead, Calif., features an all-electric kitchen in the cafeteria serving our employees and visitors, demonstrating our commitment to building electrification.

We actively improve the energy efficiency of our buildings and invest over $2 million annually in energy efficiency measures. Through our building management system, we can control the temperature and lighting of our facilities to minimize unnecessary energy use. We've retrofitted buildings with LED lighting, upgraded roofs to high-albedo materials and revisited our building specifications to implement energy efficiency measures. In 2019, LED lighting upgrades across 37 SCE locations saved 695,000 kilowatt hours (kWh), reducing energy usage by 67% while increasing lighting levels by 59%.

RESPONDING TO COVID-19

To protect employees and contractors who must access SCE facilities during the COVID-19 pandemic, staffed facilities are undergoing more frequent and enhanced preventative cleanings. When a case of COVID-19 is suspected or confirmed at a work location, a deep cleaning is performed in consultation with our industrial hygienist before employees can re-enter the environment. **Learn more about our COVID-19 response.**

Additionally, since 2010, SCE has designed new buildings to a minimum LEED (Leadership in Energy and Environmental Design) Silver-equivalent standard. We currently have one LEED Platinum building (Wildomar Service Center), two LEED Gold buildings and six LEED Silver buildings.

SCE also seeks to improve on-site water-use efficiency. At our Alhambra Data Center, we reduced water use and stormwater runoff by implementing a rooftop rainwater harvesting system that redirects water to a 2,000-gallon tank for reuse in the building's toilet flushing. At our Victorville Service Center, we replaced 25,000 square feet of turf grass with low water use plant species, reducing potable water consumption.

INFRASTRUCTURE SUPPORT FOR EMPLOYEE MOBILITY

We encourage our employees to adopt electric vehicles by offering workplace charging at 190 charge ports across 36 facilities. In 2019, SCE employee charging sessions increased from approximately 38,400 in 2018 to approximately 49,870 in 2019, an increase of 30%. We plan to install over 150 additional charge ports for employee use in 2020. Our employees and customers also have access to discounts on certain electric vehicle models.

EMPLOYEE ENGAGEMENT

Our employee resource group (ERG) focused on environmental issues, EcoIQ, engages employees across the company on sustainability projects. In 2020, EcoIQ is launching a new effort about waste reduction, in particular focused on the reuse of office supplies.

Workplace charging stations at SCE's Energy Education Center in Irwindale, Calif.

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OUR SUPPLY CHAIN

Reducing our environmental impact goes beyond our operations. To build a clean energy future, we find new ways to partner with our suppliers, increase supply chain resiliency and reduce our environmental footprint together.

SUPPLIER ENGAGEMENT

For the last 12 years, SCE has been a member of the Electric Utility Industry Sustainable Supply Chain Alliance, a collective formed to help reduce the environmental impact of the electric utility industry's supply chain. In 2018, the Alliance developed a digital knowledge-sharing platform to evaluate and share best practices among suppliers. They implemented a new supplier survey tool that allows suppliers to measure their own sustainability efforts. This information, which is shared among utilities, informs SCE's supply management team. Supporting continuous improvement, the tool also allows us to see how suppliers are performing against industry peers and identify areas for improvement.

To create closer collaboration between electric utility industry leaders who are addressing the challenges of creating a cleaner, more efficient and more sustainable supply chain, the Alliance formed the Supplier Affiliate Membership (SAM). Suppliers with an interest in advancing sustainability within the electric utility supply chain were invited to participate. By the end of 2019, the Alliance secured 78 SAMs, exceeding its 2020 goal.

EFFICIENT SUPPLY CHAIN OPERATIONS

We are increasing the efficiency of transportation logistics by working with suppliers to carry cargo on return journeys, rather than returning empty. Our Supplier Integration Initiative, launched in 2014, provides a platform through which SCE works directly with suppliers to improve transportation logistics. Compared to the 2014 baseline, we reduced the number of monthly inbound supplier trucks by 67%, cutting fuel consumption and reducing CO_2 emissions by 491 metric tons.

RESPONDING TO COVID-19

To ensure the company can maintain business continuity for an extended and unknown period, SCE is evaluating, monitoring and mitigating supply chain risks for both materials and services. SCE has not had any material supply chain disruptions since the beginning of the pandemic and anticipates having sufficient local inventory to meet business needs through 2020. Learn more about our COVID-19 response.

SCE is helping the Port of Long Beach, Calif., a crucial part of its supply chain, become the world's greenest container shipping terminal.

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SERVING OUR CUSTOMERS

Panda Restaurant Group installed 60 workplace charge ports at its Rosemead, Calif., headquarters through SCE's Charge Ready Program.

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PUBLIC SAFETY

Public safety is our top priority. That's why SCE is proposing to invest more than $5 billion annually in the grid, including to build resiliency against threats such as wildfires. We're also strengthening our operations by leveraging the latest digital technologies; enhancing partnerships with local police, firefighters and emergency medical technicians (EMTs); and ensuring customers understand how to stay safe around electrical infrastructure.

GOAL

**Safety & Health:
Achieve public safety goal at SCE**

Ongoing No serious injuries to the public from system failure

WILDFIRE MITIGATION TO KEEP PEOPLE SAFE

Wildfires continue to grow in frequency and intensity, with 10 of the 20 most destructive California wildfires having occurred since 2015. About 27% of SCE's service area is considered a high fire risk area (HFRA). Reflecting a comprehensive effort to address wildfire challenges and build community resiliency, we filed our 2019 Wildfire Mitigation Plan (WMP) with the California Public Utilities Commission (CPUC) in February 2019, our first annual submission. We made substantial progress in implementing the plan by year-end 2019, meeting or exceeding nearly all of our goals. Full details on our implementation of the 2019 WMP are found in Advice Letter 4153-E and SCE's WMP Compliance Report filed with the CPUC.
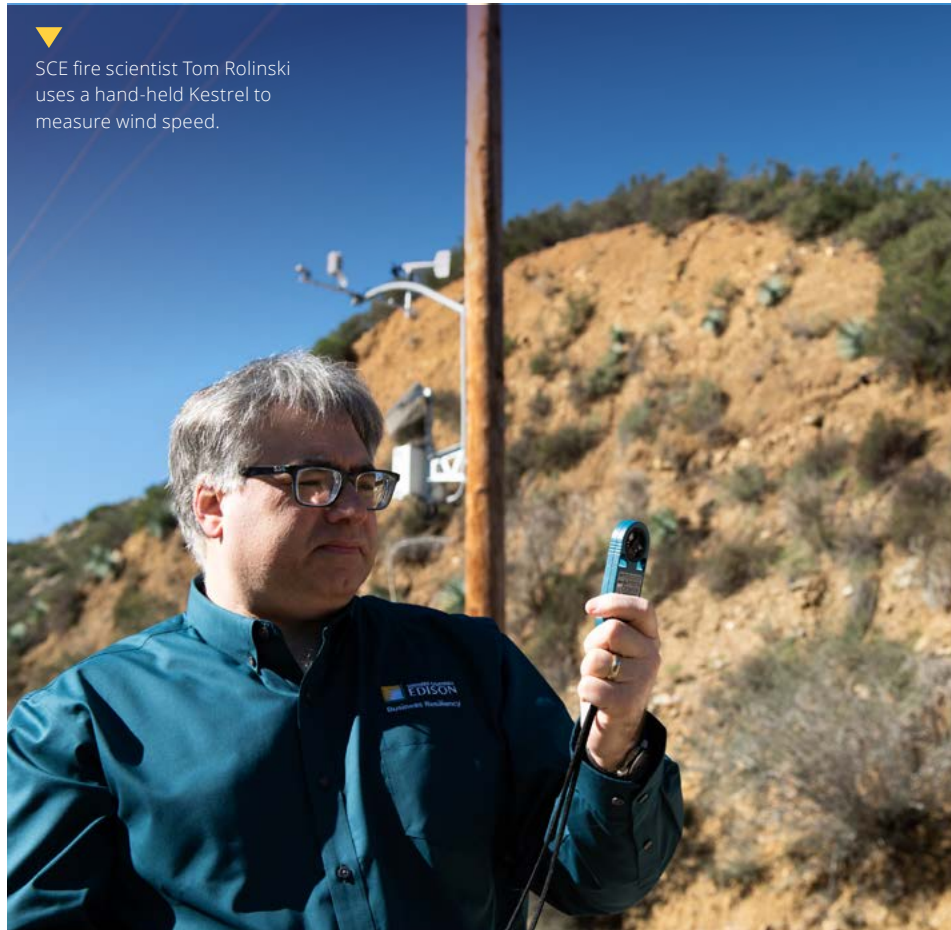
We have since filed our proposed 2020–2022 WMP to advance the maturity of our wildfire capabilities.

Hardened Infrastructure
Our WMP filings outline the steps we're taking to harden the grid against potential ignitions. It includes inspections of overhead power lines in our HFRA to repair damaged wires and preventive maintenance. In 2019, we replaced over 300 miles of overhead power lines with insulated wire, exceeding our 2019 WMP target of 96 circuit miles. By year-end 2019, we also installed fast-acting fuses at over 10,000 locations (over 7,500 locations in 2019 alone) to segment circuits and isolate electrical problems.

Vegetation Management
Vegetation growing in close proximity to our power lines presents potential ignition risks. SCE inspects approximately 1.1 million trees annually, including more than 500,000 trees in our HFRA. The company prunes approximately 750,000 trees per year. In 2019, we removed more than 5,900 live hazard trees, which based on the assessment of a certified arborist contained defects or other conditions that represented potential fall-in or blow-in risks to our power lines. We also removed over 13,600 highly flammable dead, dying or diseased trees that could also fall into our power lines. While we met our goal for removal of dead, dying and diseased trees, we did not meet our 2019 target for removal of 7,500 hazard trees due to delays in getting permits from some forests.

High Fire Risk Area Monitoring
To respond to risks more quickly, we committed to installing 160 high-definition cameras to monitor around 90% of our HFRA, which is the saturation point for cameras in our service area. By the end of 2019, 161 cameras were brought online, (91 in 2019 alone), enabling our fire agency partners and our wildfire response teams to more quickly respond to fire ignitions.

SCE fire scientist Tom Rolinski uses a hand-held Kestrel to measure wind speed.

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PUBLIC SAFETY

We also installed 482 weather stations through year-end 2019 (over 350 in 2019 alone) to provide data from which models can be created to forecast high fire-risk conditions to within two miles. We aim to increase the number of stations to 850 by the end of 2020.

Overhead Inspections

We accelerated inspections of our overhead distribution and transmission infrastructure, inspecting 100% of equipment (over 400,000 structures) in our HFRA. This was a monumental effort that compressed five years of inspections into the first five months of 2019. While this enabled us to find and resolve the most urgent conditions prior to the onset of fire season, the volume of issues identified was greater than our capacity to remediate them during the remainder of 2019. Specifically, we completed remediation work for 98% and 82% of our distribution and transmission inspection findings, respectively.

In 2020, we will continue to inspect our overhead power lines in our HFRA and develop techniques to improve inspections, including the use of digital inspection tools, advanced sensors such as infrared and Light Detection and Ranging (LiDAR), drones and helicopters to take high-resolution aerial photos of infrastructure.

Public Safety Power Shutoffs

SCE preemptively turns off power to circuits, or portions of circuits, that are experiencing extreme weather conditions or fire risks through public safety power shutoffs (PSPS). In October 2019, parts of our service area faced several days of elevated wildfire threat conditions. During these periods, SCE exercised PSPS protocols to protect the public from the risk of electrical equipment causing a fire, impacting approximately 2% of SCE customers. Patrols conducted after PSPS events found over 40 impacts from the severe conditions, including equipment damage and tree branches contacting power lines. This further validated the importance of preventive de-energization as a safety measure under severe weather conditions.

SCE understands that PSPS can be inconvenient for our customers and communities. We utilized an extensive community outreach effort to help customers prepare for these events and are continuing to improve. For instance, maps of PSPS instances are updated live on our website. We are now partnering with others to develop a text system to provide customers in PSPS regions with alerts ahead of de-energizing events. We also provide relief to customers by supporting resiliency centers with basic necessities and power access and deploying mobile vans to charge electrical equipment.

We have learned from these experiences and are working to improve our wildfire mitigation and PSPS resilience capabilities. As more mitigations are deployed, we expect to reduce the scope and impact of PSPS.

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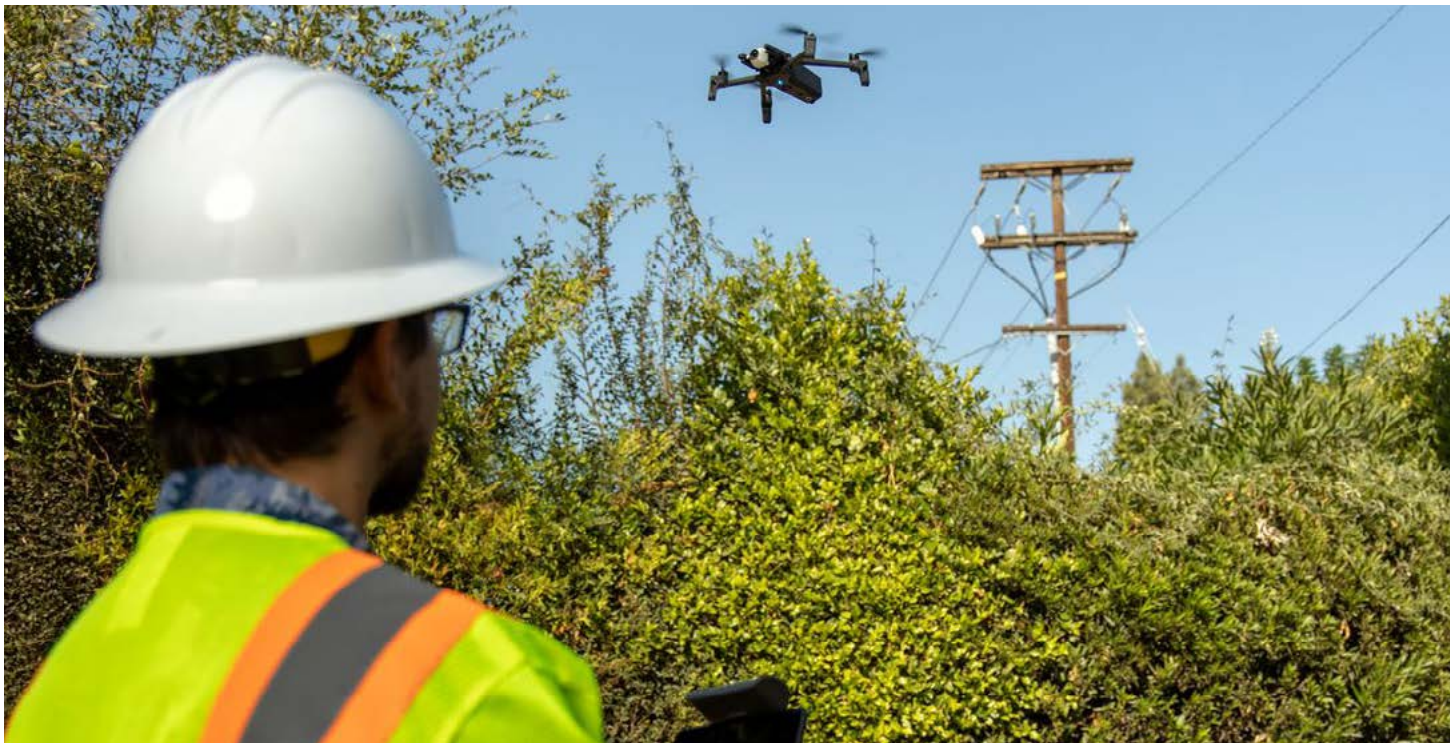
In addition to foot patrol crews, trucks and helicopters, drones are used to inspect electrical equipment in high fire risk areas.

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PUBLIC SAFETY

PREPARED FOR ANY EMERGENCY

Wildfires are not the only incidents that pose a threat to SCE's infrastructure and our customers. SCE maintains an "All-Hazards" response plan, which establishes the framework for how SCE will respond to any emergency. SCE also maintains hazard-specific plans for hazards that present unique challenges, such as for wildfires, earthquakes, cyberattacks, severe weather and pandemics. In addition to emergency response plans, we have a business continuity program that governs the development and testing of continuity plans designed to maintain operations during emergencies. In 2019, we expanded our incident management team by 20%, increasing our capacity to respond to any emergency.

In particular, we've invested significantly in our Seismic Assessment and Mitigation Program, enhancing abilities to restore the system and minimize public safety hazards following earthquakes. In 2019, we continued to take proactive measures to reduce seismic risk in new construction and as part of certain maintenance efforts. We perform hazard and impact assessments of our infrastructure based on industry standards, best practice, and a tiered approach focusing on greatest risk to safety and service reliability.

▶ SCE incident management teams coordinate crews and equipment during a simulated earthquake exercise in August 2019.

Public Education Campaigns

SCE promotes annual safety campaigns to help the public stay safe near electrical equipment.

Our 2019 campaign achieved more than 1.56 billion advertising impressions via multiple channels and languages.

SCE also creates campaigns to educate people who work near power lines and other electrical infrastructure. In 2019, this included more than 112,000 companies and 2,100 first responder agencies. In 2019, Edison International also continued its sponsorship of an electrical safety live stage production, which reached 19,332 students plus 833 teachers. The program effectively delivered vital electrical safety information through 74 performances in 34 schools and seven Southern California Boys & Girls Clubs.

Approximately 33% of the content posted on our external-facing website was tied to safety in 2019, and we also utilize our social media channels to promote safety. We expect this level of outreach to continue in 2020.

COVID-19 RESPONSE

We are deeply committed to supporting our customers and keeping them connected with safe and reliable power as the COVID-19 pandemic unfolds. SCE has had a Pandemic Response Plan in place since 2007. When COVID-19 was officially declared a pandemic on March 11, 2020, Edison International was ready, and took swift action to support our customers and communities while ensuring the safety of our workforce. **Learn more about our COVID-19 response.**

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RELIABILITY

SCE strives to provide reliable service each and every day. Our 2017 Reliability Roadmap, focused on new tools, technologies and ways of doing business, continues to guide our work, helping us to identify and respond to outages more quickly and keep customers better informed.

OUR ROADMAP

SCE's Reliability Roadmap, a three-year progress plan developed in 2017, is making lasting changes in four focus areas: performance management, work practices, engineering and technology.

In addition to identifying operational improvements, which SCE has implemented, the Roadmap identified key infrastructure improvements and modernization efforts that we are making through ongoing programs and investments. Given the current and necessary focus on wildfire mitigation, much of this work will be completed in the medium to long term.

OUTAGE MANAGEMENT TO ENSURE RELIABLE POWER

As we work to modernize the grid and make important updates to protect against wildfires, planned outages are unavoidable. To reduce interruptions, we've improved scheduling by combining multiple jobs. When we do plan an outage, our focus is to reduce customer impacts by shortening durations and reducing the number of customers impacted.

In 2019, SCE customers also experienced a high number of unplanned outages, which increased 44% compared to 2018, due to wildfire mitigation work. As part of SCE's enhanced overhead inspection program to mitigate against wildfire risks, crews conducted five years of inspections in just five months. Many findings from those inspections resulted in the need for immediate corrective action. Though repairs increased, our average outage duration decreased by 5% compared to 2018, demonstrating the operational improvements our Reliability Roadmap is continuing to have. We do not anticipate this level of unplanned outages going forward.

Outage Tracking

We strive to keep our customers updated in as close to real time as possible. In 2018, we launched an outage progress tracker on our website; by the end of 2019, more than three million devices were enrolled for notifications. Additionally, our smartphone app, Customer Crew Connect (C3), allows foremen to enter information directly into our management system, providing live service updates. To date, C3 has resulted in an 85% reduction in reporting time, from 20 minutes to under three. This result is reflected in customer feedback, with SCE's Customer Net Score[1] increasing by 12 points for outages where the app is used.

We're proud of our progress in outage communications. In 2019, these efforts were recognized with a gold Outage Communications Award in Chartwell's Best Practices Awards. We also received silver in the newly created Outage Restoration

COVID-19 RESPONSE

SCE's top priority is continuing to provide reliable service when customers need us the most. SCE has temporarily postponed non-critical projects. For those projects deemed critical, SCE has taken additional steps to minimize the duration and impact of associated outages. **Learn more about our COVID-19 response.**

category for Chartwell's 2020 Best Practices Awards for managing outages through our Wildfire Mitigation Plan and PSPS.

More recently, SCE's outage communication work was also recognized with the 2020 Expanding Excellence Award for Innovation in People and Process. This includes our work around wildfire mitigation and PSPS outage notifications, the C3 mobile app and our "pizza tracker" that provides customers with additional status updates on outages.
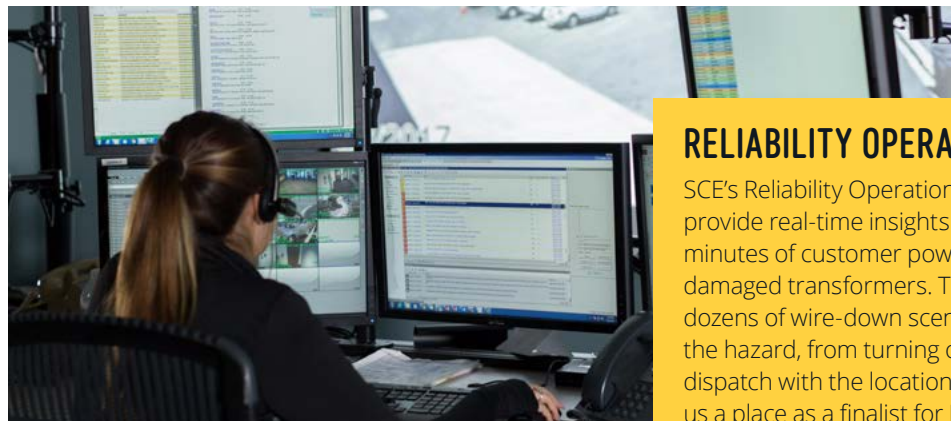
RELIABILITY OPERATIONS CENTER

SCE's Reliability Operations Center (ROC) uses advanced analytics to provide real-time insights into grid health. Last year, we saved 450,000 minutes of customer power interruption from proactively changing damaged transformers. The algorithms we deployed notified us of dozens of wire-down scenarios where we took action to greatly reduce the hazard, from turning off the power at the location to a priority dispatch with the location digitally generated. In 2019, the ROC earned us a place as a finalist for EEI's Edison Award.

1 Customer Net Score is Edison's proprietary measurement of outage customer satisfaction.

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RELIABILITY

2019 RELIABILITY PERFORMANCE

HOW WE'RE DOING

We measure our reliability progress for unplanned outages, reporting it year-over-year. We benchmark efforts against other utilities using industry-standard reliability metrics as defined by the Institute of Electrical and Electronics Engineers (IEEE), which excludes major event days (MEDs), such as power outages due to natural or human-caused disasters exceeding a certain threshold for outage length. PSPS is included in this benchmark, and we show its impact across all three metrics in 2019. Our 2019 performance was reduced compared to 2018, in large part due to a substantial increase in unplanned outages stemming from our wildfire-related enhanced overhead inspections.

SYSTEM AVERAGE INTERRUPTION DURATION INDEX (SAIDI)

Cumulative duration (in minutes) of sustained repair outages experienced by the average customer in a year[1]

Minutes

Year	Value
2017	91.72
2018	71.25
2019	90.75 (89.29 PSPS excluded)
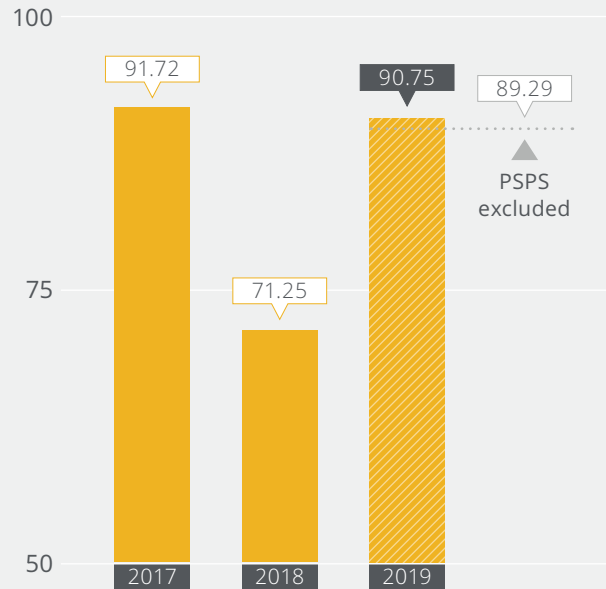
SYSTEM AVERAGE INTERRUPTION FREQUENCY INDEX (SAIFI)

Number of sustained repair outages[2] experienced by the average customer in a year[1]

Number of outages

Year	Value
2017	0.870
2018	0.720
2019	0.866 (0.865 PSPS excluded)
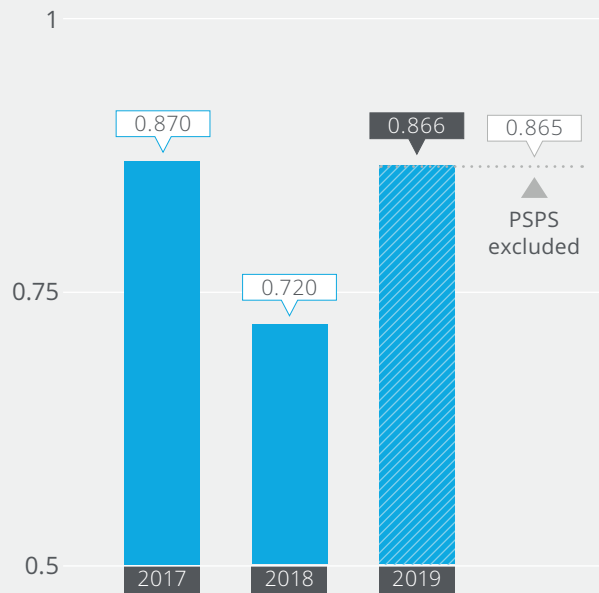
CUSTOMER AVERAGE INTERRUPTION DURATION INDEX (CAIDI)

Average repair outage duration (in minutes) per customer; also, average time to restore service[1]

Minutes

Year	Value
2017	105.40
2018	99.58
2019	104.75 (103.23 PSPS excluded)

1   Major event days excluded
2   Sustained outage: power outage lasting longer than five minutes

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AFFORDABILITY

Affordability is core to our mission at SCE. We are proud to maintain the lowest system average rate among California's investor-owned utilities. We're focused on operational efficiency to drive down costs and offer assistance programs to those who qualify.

REDUCED O&M COSTS

One way SCE measures affordability is through non-energy supply operation and maintenance (O&M) costs, associated with running our facilities and operations outside of the power we produce and procure to serve customers. Our efforts to reduce O&M across the company have historically earned us

top quartile performance compared with peer utilities nationwide. While wildfire activities are projected to impact our performance against a nationwide benchmark in 2019, we continue to maintain the lowest system average rate among California's investor-owned utilities. SCE's rate has grown less than Los Angeles area inflation for the past 30 years.

COMMUNITY CARE DURING COVID-19

SCE is temporarily suspending service disconnections and offering payment assistance options and other forms of bill relief to support all customers during the COVID-19 pandemic. We're providing additional support for our most vulnerable customers. **Learn more about our COVID-19 response**.

INCOME-QUALIFIED CUSTOMER PROGRAMS

Nearly 40% of SCE customers qualify for one or more of SCE's assistance programs. Through these programs, we offer reduced energy bills as well as free, energy-efficient appliances and installations.

CALIFORNIA ALTERNATE RATES FOR ENERGY (CARE) PROGRAM

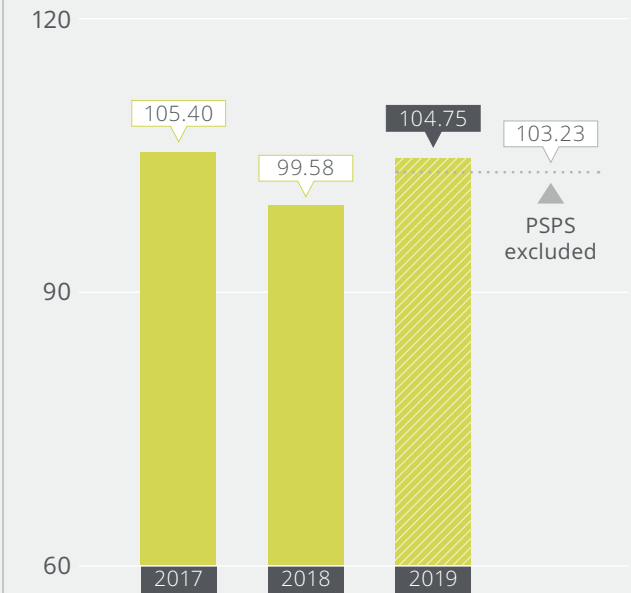Provides a discount of 30–35% on monthly electricity bills for qualifying low-income customers

1.2M
SCE households enrolled in CARE as of December 2019

26.6%
of estimated total SCE households as of December 2019

FAMILY ELECTRIC RATE ASSISTANCE (FERA) PROGRAM

Provides a discount of 18% on monthly electricity bills for households of three or more with income that slightly exceeds the CARE program allowances

20,000+
participating SCE households as of December 2019

ENERGY SAVINGS ASSISTANCE PROGRAM (ESA)

Helps save energy and lower costs by offering energy-efficient appliances at no cost to participants

55M
kWh saved in 2019

7,800+
kW of demand reduced in 2019

95K
customers served in 2019

ENERGY ASSISTANCE FUND (EAF)

Administered by United Way and funded by SCE employees, customers and shareholders. Those who qualify can receive up to $100 toward their energy bill once in a 12-month period

10,890
households assisted in 2019

$1.2M
donated by employees, customers and Edison International shareholders in 2019

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CUSTOMER EXPERIENCE

We're focused on meeting the needs of our customers, providing timely information, offering the services they want and engaging them in positive, seamless interactions. As we work toward California's 2045 goals, the needs and expectations of our customers are going to evolve. Through investment in new tools, technologies and operational practices, we're committed to evolving with them.

EVOLUTION OF THE CUSTOMER EXPERIENCE

Through our new customer experience roadmap, we're advancing data analytics to help us better understand and build trust with our customers. Looking ahead, data we gather will be used to transform our organization, so we can proactively tailor our services to address the issues that matter most to our customers.

In the immediate term, we're continuing to use digital tools to improve the customer experience overall. In 2018, we launched voice assistant technology to offer customers information about SCE services through their smart speaker. This included launching frequently asked questions (FAQ) skills on the Amazon Alexa platform. We built on this service in 2019, working with another smart home platform so customers can inquire about energy bills and eventually even pay them using associated devices.

Due to initiatives like this, in 2019, SCE was awarded gold in the Self-Service category of Chartwell's Best Practices Awards.

SPEECH ANALYTICS FOR CUSTOMER FEEDBACK

During large customer impacting events like PSPS or COVID-19, we're using speech analytics to quickly understand and respond to customer feedback. By using keyword identification, we can identify the issues that matter most to our customers and develop action plans to address them.

Customer characteristics in high fire risk regions are now being analyzed through persona modeling to ensure we apply response approaches that align with regional needs.

▲ Stephanie Lalezari, an Edison MBA Leadership Development Program (MLDP) program associate

SURVEY FOR CUSTOMER FEEDBACK

The opinions of our customers inform our service improvements. We solicit and value customer feedback to understand what is working for them and where we could be doing better. Through our "Voice of the Customer" (VOC) survey tool developed in 2016, we collect daily feedback from over 1,000 customers on topics such as bill paying, power outages, our public website and experiences with energy advisors at our customer contact centers.

MEASUREMENTS OF SATISFACTION AND ENGAGEMENT

We measure customer satisfaction through our own tools, such as our VOC survey tool, as well as by tracking industry surveys. In this way, we can compare our performance against industry benchmarks, understand trends in engagement and gain insights into best practices from peer utility companies.

In 2019, we ranked third among large utilities in the West in the J.D. Power Business Electric Utility Customer Satisfaction Study. We also placed seventh in the West in the J.D Power Residential Electric Utility Customer Satisfaction Study. In E Source's annual Account Management Assessment, SCE placed second out of 24 utilities for the service we provide to business customers.

☀ COMMUNITY CARE DURING COVID-19

Keeping customers informed of everything from payment assistance programs to outage-related information during the COVID-19 pandemic is a top priority for SCE. Through increased communications via web, phone, social media, and public and nonprofit partners, SCE is working hard to ensure customers have the information they need. Learn more about our COVID-19 response.

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SUPPORTING OUR COMMUNITIES

▲
More than 450 sophomores from 13 high schools attended EXP's Women in STEM Career Day 2020, sponsored by Edison International.

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COMMUNITY RESILIENCE

To increase community resiliency in the face of climate change, natural and human-caused disasters, and other threats, we build and maintain strong partnerships with our communities and other stakeholders.

COLLABORATION ON INCIDENT RESPONSES

At the Federal Level

Edison International's President & CEO is a member of the Electricity Subsector Coordinating Council. This group acts as the principal liaison between leaders in the federal government and organizations in the electric power sector. It is responsible for coordinating actions to prepare for incidents and threats to critical infrastructure on a national scale.

At the State Level

As one of several electricity providers in California, we partner with our industry peers to ensure we are keeping all our communities safe. We collaborate with Pacific Gas and Electric and San Diego Gas & Electric, as well as the state of California, through weekly meetings in Sacramento. Through these meetings, we connect with members of the California Governor's Office of Emergency Services, California Department of Forestry and Fire Protection, and the CPUC to coordinate and standardize incident responses.

At the Local Level

At the local level, we support Southern California's Critical Lifelines Workgroup. Created to align service providers that support lives and livelihoods, the working group brings together organizations in energy, gas, water, communications and emergency services to manage accident protocols.
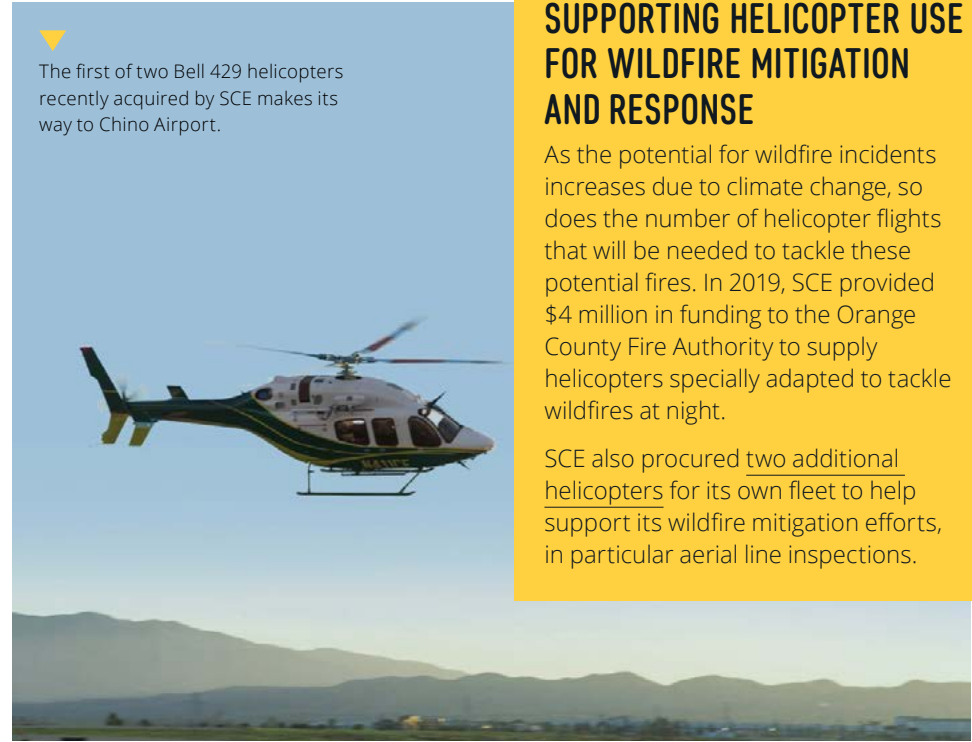
Particular to wildfire incidents, we continue to partner with state and local fire authorities to develop mitigation strategies.

SUPPORT FOR PEERS IN TIMES OF NEED

We help the restoration and recovery efforts of peer utilities following incidents through mutual assistance agreements. We offer the services of our incident management teams and repair experts to aid other energy utilities following natural disasters.

COMMUNITY RESILIENCY PARTNERSHIPS

Edison International has partnered with the American Red Cross PrepareSoCal campaign since 2012 and was a founding partner. This campaign is designed to build resilient communities that prevent, prepare for, and are responsive to life-threatening crises and disasters. Through a community-led model, with a particular emphasis on communities most vulnerable to impacts from all types of disasters, the campaign has most recently focused on coalition capacity building, preparedness education and wildfire safety. In 2019, Edison supported PrepareSoCal 3.0 with a $500,000 grant award.

In 2019, SCE hosted two Building Resilient Communities Symposiums, providing community-based organizations with information on SCE's climate adaptation and severe weather programs. The symposiums featured a facilitated discussion with our strategic partner Climate Resolve on how to build adaptive capacity and resilience for climate impacts, particularly in vulnerable communities.

The first of two Bell 429 helicopters recently acquired by SCE makes its way to Chino Airport.

SUPPORTING HELICOPTER USE FOR WILDFIRE MITIGATION AND RESPONSE

As the potential for wildfire incidents increases due to climate change, so does the number of helicopter flights that will be needed to tackle these potential fires. In 2019, SCE provided $4 million in funding to the Orange County Fire Authority to supply helicopters specially adapted to tackle wildfires at night.

SCE also procured two additional helicopters for its own fleet to help support its wildfire mitigation efforts, in particular aerial line inspections.

COMMUNITY CARE DURING COVID-19

In March 2020, Edison International donated $1 million and employees collectively raised and donated an additional $260,000 to help those who are facing hardships during the COVID-19 pandemic. We also made in-kind donations of more than 30,000 N95 and P100 respirators to local hospitals. **Learn more about our COVID-19 response.**

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STAKEHOLDER ENGAGEMENT

We engage with customers, communities, partners and public officials in the areas where we operate to raise awareness about, and invite feedback on, our programs and services. We strive to be responsive to our stakeholders and use the results of these engagements to improve our products and services.

ADVISORY PANELS

At SCE, we regularly convene advisory panels and discussion forums as part of our ongoing effort to promote open dialogue, strengthen relationships, and better understand the diverse communities and stakeholders we serve. Panel members provide input on strategies to reach underserved communities across our service area. For example, members of our Consumer Advisory Panel were critical in connecting SCE with organizations to conduct community outreach on rate reform as well as wildfire preparedness.

WE HAVE ADVISORY AND ENGAGEMENT PANELS FOR THE FOLLOWING GROUPS:

- Consumers, including community-based nonprofit organizations
- Local governments
- Multiple venues focused on commercial, institutional, water, small business and streetlight-specific customers
- California Large Energy Consumers Association
- California Manufacturers & Technology Association
- Transportation Electrification Program Advisory Council
- SONGS Community Engagement Panel
- Clean Energy Access Working Group
- Keystone Group, focused on local economic development

INCREASING COMMUNITY AWARENESS

SCE engages with community-based organizations to educate customers on rate reform and assistance programs. In addition, our Mobile Energy Unit (MEU) team travels across our 50,000 square-mile service area sharing information with families, businesses and communities. In 2019, the MEU team attended approximately 50 events to provide customers with current information on SCE's initiatives, rebate programs and tips on energy efficiency. We also hosted 12 community meetings in HFRAs to provide customers with information on SCE's wildfire mitigation, resiliency and preparedness efforts.

◄

SCE's Mobile Energy Unit team engages customers at community events like this one in Irvine, Calif.

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ECONOMIC DEVELOPMENT

Edison International, through its subsidiaries, has been part of the southern, central and coastal California community for more than 130 years. We take seriously SCE's role to provide safe, reliable, affordable and clean power as the backbone of the economy. As one of our region's largest employers, we also strive to benefit our local and regional economies through our tailored economic development services, procurement spend, and broader partnerships and investments, particularly around workforce development.

BUSINESS ATTRACTION AND RETENTION THROUGH ECONOMIC DEVELOPMENT SERVICES

SCE's economic development team helps businesses get the competitive edge, providing one-on-one consultation services at no cost to the customer. Following an assessment of business needs and issues, SCE can propose a package of incentives, tools, and programs designed to help our business customers lower operational costs and remain competitive in their market. In 2019, EDS retained, expanded and/or attracted over 10,000 jobs in SCE's services territory through 39 projects. This translated into an extra $4.7 million in revenue for these areas.

Learn more about **how EDS can help customers** develop their business in SCE service area.

SUPPORT FOR LOCAL, SMALL AND DIVERSE SUPPLIERS

SCE's Supplier Diversity program helps diverse firms gain access to contract opportunities in traditional and new sourcing areas while bringing economic benefits as well as job growth to local communities. Through supplier development programs, such as our EDGE (Entrepreneurial, Development, Growth and Education) program and tailored scholarships, we help small and diverse firms build capacity and grow capabilities. To recognize our suppliers and others who have provided important contributions to the community, SCE also holds heritage month events in the community throughout the year.

PARTNERSHIPS AND INVESTMENTS TO SUPPORT A SUSTAINABLE REGION

Edison International's engagement with community partners on issues ranging from Pathway 2045 to climate resiliency, nonprofit capacity building and more underscores our commitment to a sustainable and economically vital region.

Among other things, we're committed to developing a robust, local workforce prepared to solve the challenges of tomorrow. Through our philanthropic contributions, including our scholarships focused on science, technology, engineering and math (STEM), internship programs, and support for local entrepreneurs through our partnership with the Los Angeles Cleantech Incubator, we strive to give back in a way that provides lasting benefits for the community and regional economy.

PROMOTING BUSINESS EXPANSION IN SOUTHERN CALIFORNIA

Designed to attract, retain and expand businesses in Southern California, SCE's Economic Development Rate (EDR) program offers customers a 12% discount on electric bills over a period of five years. The EDR program is available to businesses, including small businesses, where electricity costs are a primary incentive for seeking alternatives, and where real and viable out-of-state location alternatives would be the preferred choice "But-For" the incentives afforded under SCE's EDR program. The program is also available to businesses considering closure. Learn more about the EDR program.

Dr. Joseph Jones, President of Fresno Pacific University, at SCE's 2020 Black History Month celebration in Tulare, Calif.

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SUPPLIER DIVERSITY

Achieving our goals for a clean energy future is a collaborative effort that requires diverse ideas and local, regional and national partnerships. That's why we're committed to developing strong relationships within our supply chain. We help support economic growth and healthier communities by working with small and diverse business enterprises.

MUTUALLY BENEFICIAL SUPPLIER RELATIONSHIPS

To build a clean energy future, we need our suppliers to partner with us, collaborating on innovations and committing to similar environmental goals. At the same time, by working with Edison, firms can develop capabilities and grow capacity to scale with new and emerging business opportunities.

We're committed to supporting small and diverse firms, helping them gain access to contract opportunities in traditional and new sourcing areas. In doing so, we bring economic benefits and new job opportunities to the communities where we live and operate.

DIVERSE SUPPLY CHAINS

SCE has long been committed to working with enterprises owned by women, minorities, service-disabled veterans and self-identifying lesbian, gay, bisexual, transgender and queer (LGBTQ) individuals. We have achieved seven consecutive years of spending 40%, or greater, of our total annual procurement spend with diverse suppliers. In 2019, SCE spent $2.21 billion (40% of SCE's overall procurement spend) purchasing goods and services from diverse business enterprises. This is an increase of approximately $75 million year-over-year.
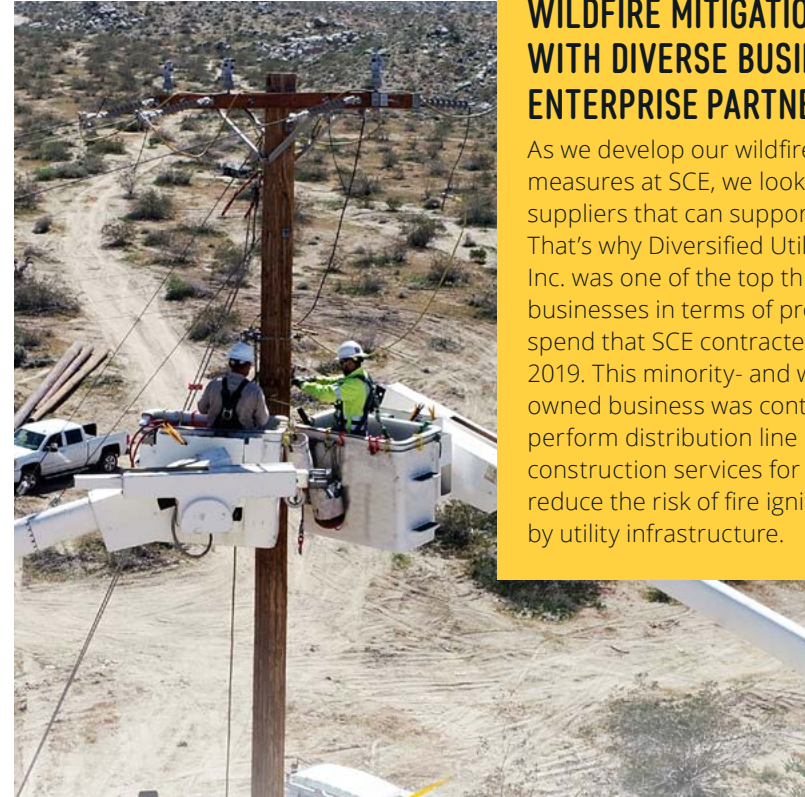
WILDFIRE MITIGATION WORK WITH DIVERSE BUSINESS ENTERPRISE PARTNERS

As we develop our wildfire mitigation measures at SCE, we look to work with suppliers that can support our efforts. That's why Diversified Utility Services, Inc. was one of the top three diverse businesses in terms of procurement spend that SCE contracted with in 2019. This minority- and women-owned business was contracted to perform distribution line planning and construction services for SCE to help us reduce the risk of fire ignitions caused by utility infrastructure.

2019 SUPPLIER DIVERSITY HIGHLIGHTS

$2.21B spent with diverse firms, representing 40% of total purchases

120+ outreach events sponsored and/or supported

$5.9B of SCE's capital market transactions co-managed by 19 diverse firms

9 diverse firms among SCE's top 25 suppliers

$540M diverse sub-contracting spend

650+ diverse suppliers

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ENVIRONMENTAL AND SOCIAL JUSTICE

A significant portion of SCE customers live in environmental and social justice (ESJ) communities, which are vulnerable to climate change and other threats, and face more challenges than other communities in accessing clean energy. We believe a clean energy future is for everyone, and prioritize support for ESJ communities in our programs and services. In 2019, 92% of our philanthropic giving went to support underserved communities, exceeding our target of 80% developed in partnership with The Greenlining Institute.

SCE's service area has a disproportionately high number of ESJ communities compared to peer utilities in the state. Through customer program incentives, earmarked funds in green technologies, and targeted community outreach, SCE prioritizes support for ESJ communities.

In the spring of 2019, SCE sponsored a project as part of the Rocky Mountain Institute's eLab Accelerator to bring together local community-based organizations representing ESJ communities and to discuss community-based clean energy.

SCE is also working with members of ESJ communities to obtain insights into causes of disconnections; hosting events to identify, educate and develop diverse suppliers; and conducting outreach to businesses in or impacting ESJ communities to raise awareness about electrification opportunities.

THE CLEAN ENERGY ACCESS WORKING GROUP

SCE continued to convene the Clean Energy Access Working Group (CEAWG) in 2019. Established in 2017 in partnership with The Greenlining Institute, environmental and community groups, and faith-based organizations, this group works to ensure no community is left behind in the move toward a clean energy future.

In 2019, the CEAWG started working with the Clean Power Alliance (CPA) on an early-stage community solar project in Willowbrook, Los Angeles County, Calif., to provide underserved community members access to locally produced solar energy. SCE held two separate tours of the site, one for CEAWG members and one for the CPUC's Low Income Oversight Board (LIOB) members. The tours provided an opportunity for CEAWG and LIOB members to discuss the benefits this project will offer Willowbrook.

ELECTRIFIED RESIDENTIAL COMMUNITIES

SCE is piloting a program in three underserved communities in the San Joaquin Valley that will bring electric appliances to qualifying residential customers.

For those living in California City, Calif.; Ducor, Calif.; or West Goshen, Calif., SCE will replace propane and wood-burning appliances with more energy-efficient options at no cost. SCE will also install the necessary electrical infrastructure and appliance connections to ensure they work properly.

The three-year pilot program, which began in 2019 and will cover about 450 homes, has been designed to help San Joaquin Valley customers lower their emissions as well as their energy costs.

WHAT ARE ENVIRONMENTAL AND SOCIAL JUSTICE COMMUNITIES?

Environmental and social justice communities, as defined by SCE and the California Public Utilities Commission, are those that are predominantly communities of color or low income; underrepresented in the policy-setting or decision-making process; subject to disproportionate impact from one or more environmental hazards; and likely to experience disparate implementation of environmental regulations and socio-economic investments in their communities.

Predominantly communities of color or low-income

Underrepresented in the policy-setting or decision-making process

Subject to disproportionate impact from one or more environmental hazards

Likely to experience disparate implementation of environmental regulations and socio-economic investments in their communities

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COMMUNITY INVESTMENTS

As a 130-plus-year-old company, Edison International has a long history of giving back to the community. In 2019, we contributed $23 million in shareholder funding to support nonprofits in SCE's service area. We focus our efforts in four areas aligned with our strategy: environment, education, public safety and emergency preparedness, and civic engagement.

ENVIRONMENT

We support nonprofits that share our dedication to the environment and have the expertise to address our state's most important issues. This includes funding initiatives that improve air quality, conserve green spaces, restore habitat areas and build local awareness of environmental issues. In 2019, Edison International donated $5.9 million, approximately 26% of our total contributions, to environmental organizations. For example, we supported the California State Parks Foundation with a $50,000 grant. Nearly 100 company volunteers, their friends and family participated in their 21st annual Earth Day Restoration.

2019 EDISON SCHOLARS

Edison International is committed to supporting the innovators of the future. Every year we award 30 high school seniors with a $40,000 scholarship to support college study in STEM subjects. Since 2006, the program has awarded over $9.9 million in scholarships to 640 students.

Learn more about our 2019 Edison Scholars.

EDUCATION

In 2019, Edison International donated $9.4 million, approximately 41% of our total contributions, to educational programs. We support initiatives that focus on STEM. For example, in 2019, Edison International sponsored the MATHCOUNTS East San Gabriel Valley Chapter's annual math competition for over 100 middle school students. $10,000 went toward purchasing competition resources for several counties.

PUBLIC SAFETY & EMERGENCY PREPAREDNESS

Safety is our top value. We support safety initiatives that focus on electrical safety, emergency preparedness, first responder capacity building, community engagement and resiliency, and wildfire mitigation. In 2019, Edison International donated $4.2 million, or approximately 18% of our total contributions, to support public safety and emergency preparedness. For example, we partnered with the California Fire Safe Council, contributing $500,000 to provide wildfire mitigation grants to existing local fire safe councils and to create new fire safe councils throughout SCE's service area.

COVID-19 RESPONSE

We're contributing to our community partners to support response to and recovery from COVID-19. **Learn more about our COVID-19 response.**

SERVING ON NONPROFIT BOARDS

In addition to grants, Edison International supports nonprofit partners through executive service on boards. Many of the nonprofit boards on which our executives serve align with our strategic priorities, such as American Red Cross Los Angeles Region, Coalition for Clean Air, Habitat for Humanity of Greater Los Angeles, Southern California Public Radio, and numerous university and university-based programs, among others.

CIVIC ENGAGEMENT

We understand partnerships with organizations that provide vital services help our communities thrive and stay strong. In 2019, Edison International donated $3.5 million, or 15% of our total contributions, to support civic engagement programs. For example, volunteers from SCE's Valor Employee Resource Group (ERG) worked with friends and local veterans to construct a perimeter wall for a Homes4Families "veterans enriched" neighborhood in Palmdale, Calif., in support of low-income veterans. The company also donated $5,000 to the organization.

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COMMMUNITY INVESTMENTS

2019 COMMUNITY INVESTMENTS

$23M
in philanthropic funding donated by Edison
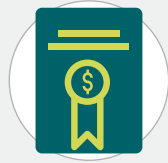
878
total grants awarded

106K
employee volunteer hours

$168K
volunteer grants[1]

$2.7M
value of employee volunteering[2]

$2M
total funds raised by employees

EDUCATION
$9.4M (40.9%)
through **410** grants to support education

PUBLIC SAFETY & EMERGENCY PREPAREDNESS
$4.2M (18.2%)
through **83** grants to support public safety & emergency preparedness

TOTAL FUNDING
$23M

ENVIRONMENT
$5.9M (25.7%)
through **151** grants to support environmental organizations

CIVIC ENGAGEMENT
$3.5M (15.2%)
through **233** grants to support civic engagement programs
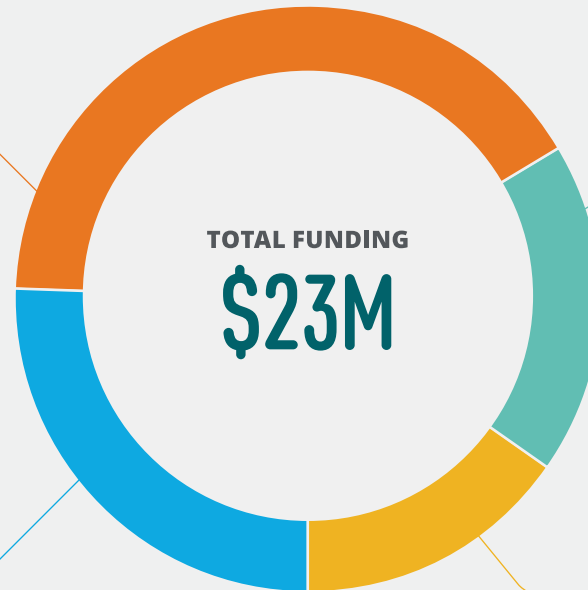
1   For every 40 hours volunteered, employees receive $100 to donate to a nonprofit organization of their choice, up to $600 a year.
2   Based on Independent Sector Valuation

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DEDICATED TO EACH OTHER
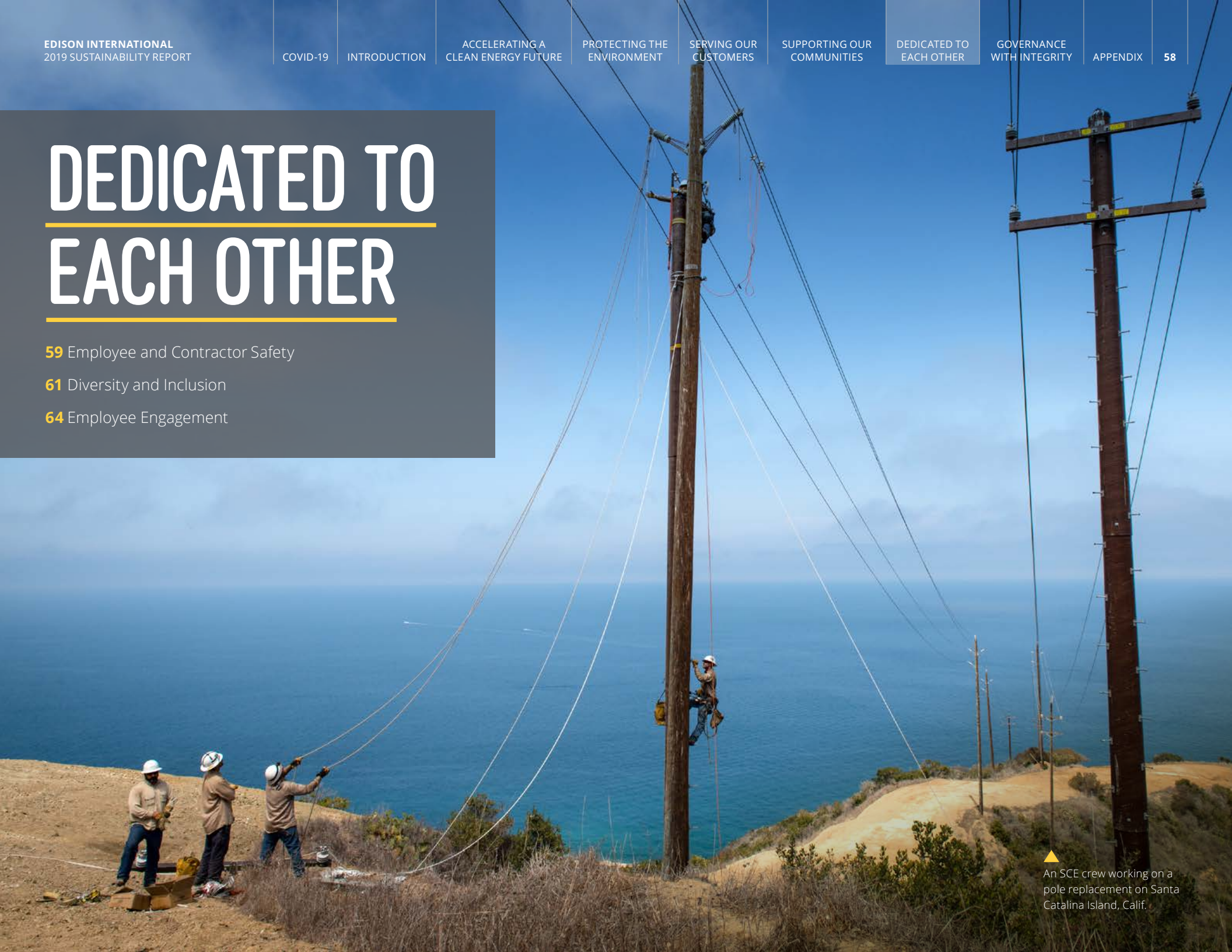
An SCE crew working on a pole replacement on Santa Catalina Island, Calif.

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EMPLOYEE AND CONTRACTOR SAFETY

Safety is our top value. Nothing is more important than having our employees and contractors return home safely each and every day. We're strengthening our workplace culture to be a company where everyone, from full-time employees to contractors, owns their own safety and protects themselves for the people and things they care about most.

GOALS

**Safety & Health:
Achieve employee and contractor safety goals at SCE**

Ongoing	No employee or contractor fatalities
2026	Improve physical and psychological safety through culture transformation

A HOLISTIC APPROACH TO SAFETY

In addition to strong safety policies and programs to keep our customers and the public protected, we're on a journey to strengthen our safety culture, ensuring everyone who steps into our facilities or works at one of our sites in the field is protected from physical injury. To do this, we are first and foremost committed to the psychological safety of our workers. A psychologically safe environment is one of trust, where workers feel comfortable speaking up and challenging the status quo without fear of retaliation.

A CULTURE OF SAFETY OWNERSHIP

At the heart of our safety culture is safety ownership. This means encouraging a new mindset, where our employees and contractors are empowered to take charge of their own safety.

We support this approach by providing employees with regular training, particularly for those who work in the field on higher-risk projects. Over the past two years, we successfully developed and are delivering best-in-class safety culture training to all our leaders and employees. This safety culture training, which occurs over two days for employees in high-hazard jobs (five days for leaders), goes well beyond the compliance and technical training we require for employees in specific jobs. The training focuses on our culture around being both physically and psychologically safe. Looking ahead, we are developing new trainings to help our employees leverage tools to prevent incidents and injuries that result from human error.

In 2019, we also continued to develop our safety culture through actions related to:

- Engagement and measurement, including deepening the impact of safety by integrating it into all our culture work

- Leadership and talent management, including expanding efforts to select and develop effective safety leaders

- Hazard awareness and risk management, including leveraging tools and data to identify, discuss, and mitigate serious injuries and fatalities

CRAFT-DRIVEN SAFETY

To enhance our safety culture, we collaborate and partner with our union, the International Brotherhood of Electrical Workers (IBEW) Local 47, on our Craft Driven Safety Program (CDSP), which focuses on reducing on-the-job injuries.

SWITCH, ENGAGE, CONNECT

To strengthen our commitment to safety, we rolled out our safety culture training program, comprised of Switch, Engage and Connect training workshops. Initially launched among field and support staff in our transmission and distribution organization in 2018, we rolled it out to the entire organization in 2019.

The workshops integrate training on physical and psychological safety, along with core elements of our culture such as diversity, inclusion and the need to develop strong communication channels. We achieved our 2019 goal to roll out the Switch and Engage elements of the program and will continue to train company leaders on Connect in 2020.

SWITCH
Training for all employees, supplying tools and techniques for taking ownership of our personal safety

ENGAGE
Training for all leaders, providing tools to strengthen our safety culture

CONNECT
Training for all leaders, providing a one-day follow-up session to reinforce Engage learnings

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EMPLOYEE AND CONTRACTOR SAFETY

COVID-19 RESPONSE

More than two-thirds of SCE team members transitioned to remote work in mid-March before California Governor Newsom's stay-at-home order. We've taken additional steps to ensure the safety of those employees whose critical work required them to stay in the field or at Edison facilities. To help all employees during this challenging period, we have also extended numerous benefits. **Learn more about our COVID-19 response.**

TECHNOLOGY FOR SAFETY

In 2019, as well as continuing to strengthen our safety culture, we also launched our safety predictive model, an analytics program designed to integrate risk intelligence into work management processes to eliminate serious injuries and fatalities. To date, three of SCE's 32 districts have incorporated findings from the predictive model into their work decisions, with plans for it to be expanded to at least five more districts in 2020.

LEADING WITH HEART

Leaders at all levels of Edison share a responsibility to build and maintain a psychologically safe workplace, free from bullying, harassment and poor behavior. Utilizing our Leading with Heart toolkit, our leaders are encouraged to facilitate open dialogues with team members on the issues that matter to them. We work hard to ensure our people feel respected, accepted and included.

▲ SCE engineers Eric Bradley and Elyse Pham

OUR SAFETY PERFORMANCE

We regularly measure and benchmark our safety performance so that we can assess, and ultimately improve, our progress.

In 2019, Edison had zero employee fatalities and our serious injury and fatality (SIF) rate for employees fell by 50% compared to 2017 and 2018. While no serious injury is ever acceptable, we believe our efforts in strengthening our safety culture and targeting efforts to eliminate serious injuries and fatalities (e.g., cause evaluations, Safety Predictive Model, Risk-Based Safety Program) are, in part, responsible for this improved performance.

There was an increase in minor injuries among our employees compared to 2018, however. We believe changes in employee work and workload related to our wildfire mitigation efforts contributed to this. In response, we have developed, and will execute in 2020, a plan tailored to the areas where most days away, restricted or transferred (DART) injuries occur.

We were deeply saddened that three contract workers suffered fatal injuries in 2019, two because of a vehicle collision and one because of electrical contact while performing vegetation management work. In 2019, SCE strengthened safety requirements for contractors, as well as increased the consequences for contractors who do not meet our safety requirements and expectations. To continue down this path, in 2020, SCE will implement more safety requirements for both prime and subcontractors.

SAFETY PERFORMANCE[1]

	2017	2018	2019	PEER BENCHMARK AVERAGE
Employee OSHA Recordable Rate	2.03	1.95	**2.30**	1.05
Employee DART Rate	0.97	0.96	**1.15**	0.50
Employee Fatalities	0	0	**0**	–
Tier 1 Contractor OSHA Rate	0.71	0.92	**0.56**	0.86
Tier 1 Contractor DART Rate	0.37	0.55	**0.35**	0.38
Tier 1 Contractor Fatalities	0	2	**3**	–

1 See Sustainability Scorecard for more details and definitions

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DIVERSITY AND INCLUSION

Our success as a company is rooted in the work of our people. We're building a culture where everyone is encouraged to bring their whole self to work and where our teams are empowered to innovate today for the challenges of tomorrow.

GOAL

Achieve gender parity in senior operating roles by 2030

2030 goal: Full gender parity (50/50) in senior operating roles[1]

OUR COMMITMENT

Innovation happens when diverse minds come together. Diverse and inclusive workplaces lead to better business decisions and an environment where every employee feels supported and empowered. That's why we're committed to developing a team that reflects the broad diversity of the customers and communities we serve and to creating an environment that reflects our values.

Inclusion starts with our leaders. We are expanding diversity throughout our organization, including our Board of Directors and senior leadership. Our 2019 annual performance incentive award was based in part on increasing diversity of our executive and management populations. We met that goal through a year-over-year increase of 1.6% and have expanded our 2020 goal to include a broader set of managers. To support these efforts, we offer leaders the training and tools they need to ensure diverse representation throughout their teams.

While championing diversity may start at leadership, it must also be supported by the voices of our employees. In 2019, we created the Culture Congress, a cross-departmental, cross-functional group of employees who are identifying and helping advance key areas of improvement for our company's culture.

To underscore our commitment to inclusion, we are pleased to be part of the CEO Action for Diversity & Inclusion™ campaign, pledging to advance diversity and inclusion in the workplace, along with the Paradigm for Parity, a coalition of organizations committed to addressing the gender gap in corporate leadership positions by 2030.

DIVERSITY OF FULL-TIME EMPLOYEES AS OF YEAR-END 2019

69% female and/or diverse race/ethnicity

31%
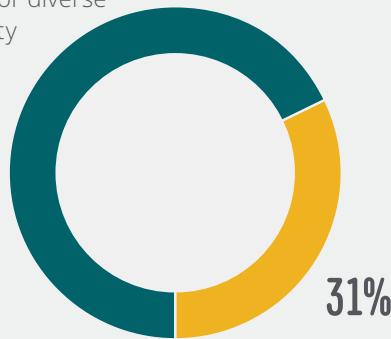
- Diverse race/ethnicity (59%)
- Female

	WORKFORCE	MANAGEMENT	EXECUTIVES
Diverse race/ethnicity	59%	47%	34%
Female	31%	30%	35%

- 0.5% Pacific Islander/Native Hawaiian
- 0.7% American Indian/Alaskan native
- 3.4% Two or more races
- 13.8% Asian
- 40.6% White
- 34.3% Hispanic/Latino
- 6.7% African-American
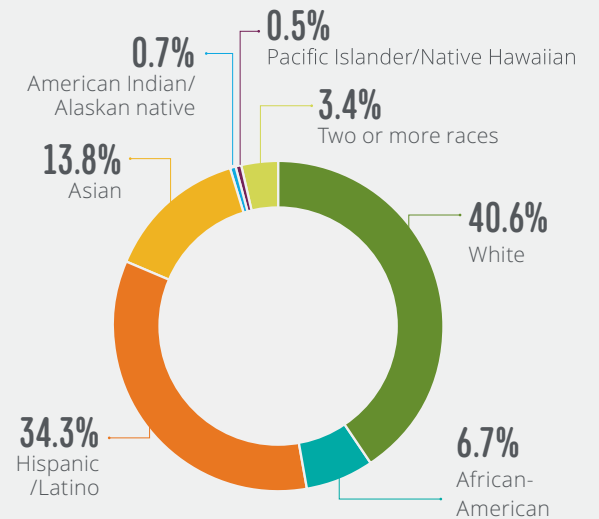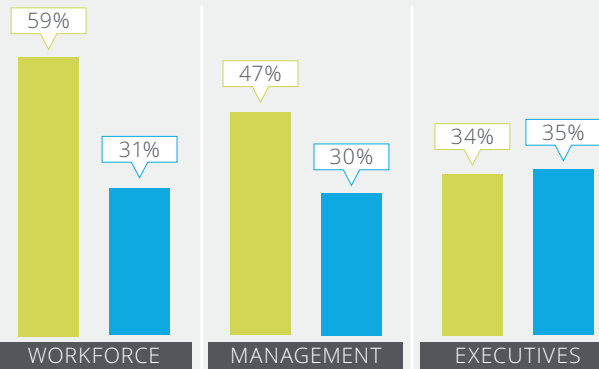
1 Our Diversity & Inclusion goals reflect the commitment Edison International made to Paradigm for Parity in 2016.

2 4.61% self-identify as protected veterans, who are classified as a "disabled veteran", "recently separated veteran", "active duty wartime or campaign badge veteran" or "armed forces service medal veteran." The remaining 1.07% self-identify as veteran (non-protected).

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DIVERSITY AND INCLUSION

A Lens on Racial/Ethnic Diversity

In 2019, 69% of our employees were diverse in terms of race, ethnicity and/or gender. When looking at racial and ethnic diversity alone, 59% of our employees are represented and we recognize the importance of deepening our commitment to diversity and inclusion. In particular, we're committed to understanding historical, social and political contexts and the unique experiences of our people. In 2019, we initiated listening tours, under the name of #Space4Dialogue, to learn more about opportunities to advance diversity and inclusion from the perspective of our employees. We are leveraging our business resource groups (BRGs) and ERGs in this work and began with Networkers, our BRG dedicated to advancing inclusion for African American employees. These conversations

will continue, as will our commitment to a diverse and inclusive culture for Edison's employees.

A Lens on Gender Parity

In alignment with our Paradigm for Parity commitment, we're working to achieve gender parity in senior operating roles, defined as director-level and above, by 2030. We have already made progress: since joining the coalition in 2016, the percent of females in executive roles increased from 27% to 35% by the end of 2019.

Our Partnerships

Working toward gender parity depends in part on broader societal trends, including the diversity of our candidate pool. We're focused on national collaborations to advance these issues. In 2018, we began a

COUNT ME IN

In September 2019, we invited our employees to take part in a "Count Me In" campaign, encouraging employees to voluntarily self-identify their status. This includes gender, race/ethnicity, veteran, disability status, gender identity/gender expression and sexual orientation.

Nearly 18% of employees completed the self-identification form, giving us a better insight into our workforce.

RECOGNITION FOR OUR EFFORTS

We are proud of our efforts to cultivate a diverse, inclusive and supportive workplace for our employees and appreciate the recognition that we receive from external organizations.

TRAINING TOP 125 AWARD 2020
Training magazine (SCE)

AMERICA'S BEST EMPLOYERS FOR WOMEN 2019
Forbes (Edison International)

BEST-OF-THE-BEST CORPORATIONS FOR INCLUSION
National Business Inclusion Consortium (NBIC) 2019 (SCE)

WINNING COMPANY
2020 Women on Boards (Edison International)

BEST COMPANIES FOR WOMEN 2019
Fairygodboss (SCE)

BEST PLACES TO WORK FOR LGBTQ EQUALITY
Human Rights Campaign Corporate Equality Index, 100% score, 2019 (Edison International)

BEST PLACES TO WORK FOR DISABILITY INCLUSION
Disability: IN Disability Equality Index, 100% score, 2019 (SCE)

BEST HISPANIC EMPLOYEE RESOURCE GROUP
Latina Style, Inc. (Latinos for Engagement, Advancement and Development (LEAD), 2019 Edison International)

CORPORATE EXECUTIVE OF THE YEAR
Los Angeles Latino Chamber of Commerce, 2019 (Pedro Pizarro, President and CEO, Edison International)

CORPORATE VISIONARY AWARD
Latino Corporate Directors Association for having two U.S. Latinos on the board (Edison International)

◄

SCE employees from the ERG Lighthouse take part in the recent Long Beach Pride Parade.

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DIVERSITY AND INCLUSION

partnership with Fairygodboss to increase transparency about the experience of our female employees in the workplace. In 2019, SCE was voted a Fairygodboss "Best Company for Women."

In December 2019, we furthered our commitment to collaborations by signing on as a supporter of Catalyst, a global nonprofit that helps companies build workplaces that support women. We also became a corporate partner to the Association of Women in Water, Energy and Environment (AWWEE), which offers professional development opportunities and workshops for women.

CAREGIVER SUPPORT AT SCE

In 2019, SCE launched a new ERG, Caregivers Connect, providing a support system for employees who are caregivers to share their experiences and access available resources. The vision of Caregivers Connect is to empower employees to be successful without compromising on family life or professional commitments and to promote SCE as one of the best employers for working caregivers.

Caregivers Connect member event in Rosemead, Calif., in November 2019

OUR RESOURCE GROUPS

Our BRGs and ERGs have been active for over 40 years, with 12 groups now established, and play a critical role in our diversity and inclusion efforts. They represent employees from a range of cultures, ethnic groups and sexual orientations, and cover topics like safety and environmental stewardship.

Our BRGs and ERGs are more than just platforms for employees to voice their opinions: They're also spaces where innovation is sparked and opportunities for business development are identified. In 2019, a Clean Energy Expo, hosted by our NextGen ERG, offered five startups a platform to present innovations while 200 attendees made clean energy pledges. Our Native American Alliance (NAA) ERG collaborated with universities in our service area to offer interview skills training and résumé tips.

BENEFITS AND WORK–LIFE BALANCE

We recognize and reward employee contributions with competitive pay and benefits. Eligible employees may receive variable, performance-based pay linked to achievement of corporate- and job-specific goals. All full-time employees are also offered benefits, including:

- a selection of health plans, including medical, dental and vision benefits
- life insurance plans
- short- and long-term disability plans
- preventive health reimbursement, to help offset costs for items such as nutritionists, gym memberships and fitness classes

- 401(k) savings plan with company match
- paid family leave of up to six weeks (and up to eight weeks as of July 1, 2020), as well as a Parental Bonding Supplement providing 100% salary replacement
- workplace lactation program for new mothers
- wellness programs and initiatives
- tuition reimbursement
- financial planning assistance
- competitive vacation/holiday program
- professional development
- volunteer programs
- employee assistance program
- philanthropy and matching contribution
- discounts on electric service, cellphone service, Weight Watchers membership and more

Part-time employees are also offered a select range of benefits.

Wellness Ambassadors

Our Wellness Ambassador Initiative, with over 1,000 self-selected volunteers, was developed to promote healthy activities throughout our workforce. Initiatives are designed and implemented by our employees and cover topics that are important to them, such as stress management, workplace safety and living a more active lifestyle.

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EMPLOYEE ENGAGEMENT

The best ideas come when employees are engaged in what they do and feel empowered to openly share ideas with their colleagues.

We conduct employee pulse surveys throughout the year, covering each employee at least annually, to understand what our people think is working, where we could be doing better and what we can do to get there. Survey results for 2019 indicate engagement is a company strength, with a 76% favorability rating exceeding benchmarks for both utilities and all industries,[1] and six percentage points better than the previous year. Given our strong commitment to diversity and inclusion, we're proud that inclusion is also seen as a company strength by employees, with a 77% favorability rating.

We're always looking to improve the employee experience; an area of opportunity for us is employee recognition, where we received a favorability rating of 56%. In 2019, we introduced a new online platform with a revamped bonus program to ensure consistent application of rewards and recognition across the company.

OUR VALUES AMBASSADORS

At Edison, our values define who we are and how we work. To help promote and reinforce our values, we have over 75 employee representatives from across the company who work to positively influence change within their organization and location. Selected by local and senior leadership, our "Values Ambassadors" reinforce values-based behavior, direct employees to company resources, and provide context about company-wide change and culture initiatives.

Our Values Ambassadors also provide the Ethics and Compliance Program and Human Resources Organization with input and insight into company culture. Leading by example, they engage employees at all levels to actively foster a culture based on our values.

WORKFORCE DEVELOPMENT

From interns to senior leadership, our employees want to develop themselves and progress in their careers. Through internal learning opportunities, online educational courses and resources, job-specific skills training, and education tuition reimbursement for accredited degree or certification programs, we're helping our employees get the most from their time at Edison.

Giving new employees the best start, we developed a robust onboarding program. The program introduces new employees to our business culture, as well as offering support to help them succeed.

We have developed interactive programs and infused technology to help our employees and leaders be successful in their current and future roles.

The programs range from our new employee orientation to digital learning platforms for ongoing, employee-led development to our new leader development program to welcome and help our new leaders succeed. We also use virtual reality for training.

Learn more about our **2019 Edison Award winners on our website.**

Edison Award winner Peter Hilling, a troubleman based out of SCE's Monrovia Service Center, and his wife, Lorraine

EDISON AWARD FOR DEMONSTRATING OUR VALUES

The Edison Award is our most prestigious award and is presented every two years to employees who display exceptional work and live the company's values.

Candidates are nominated by their peers, with up to 20 winners selected by the judging team. Winners are chosen for their contributions to Edison culture, for outstanding performance, and for living our values and guiding behaviors every day.

1   Culture IQ 2019

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EMPLOYEE ENGAGEMENT

To further accelerate the development of high-potential employees, Edison provides programs across all levels of the organization. These nine-month sessions stretch participants' leadership capabilities, preparing them to address business priorities through a targeted curriculum, team action-learning projects, coaching, site visits and networking opportunities. In 2019, 92 employees graduated from or were currently enrolled in one of these programs.

To support employee retention and advancement, we have a Performance and Development Process (PDP), which operates on an annual cycle and begins with all full-time, non-represented employees[1] and their managers working together to create a set of business and development goals to foster professional and personal advancement. Managers and employees then engage in structured ongoing conversations throughout the year where progress on performance and development goals are regularly discussed and updated.

UNION PARTNERSHIPS

About one-third of our employees are covered by collective bargaining agreements. SCE and the IBEW Local 47 partnered to implement the IBEW Code of Excellence (COE), a program that emphasizes safety, high-quality work and craftsmanship. The COE, which reinforces SCE's longstanding company values, provides a set of expectations about our duties and behaviors on the job. All IBEW members are held to these expectations and hold their peer members accountable to the strict standards. Learn more about the work we're doing with our represented employees through the Craft Driven Safety Program.

EDISON PROVIDES A BROAD RANGE OF LEADERSHIP DEVELOPMENT PROGRAMS

EDGE: Our high-potential leadership development program for principal managers and executives. During the EDGE program, participants work on action-learning team projects addressing significant business challenges.

SPARK: Our high-potential leadership development program for supervisors and managers. The program includes workshops with content facilitated by the Center for Creative Leadership, Edison site visits combined with conversations with local leaders, action-learning team projects addressing strategic business challenges, executive coaching and peer/leadership networking.

AMP for Individual Contributors: Our high-potential development program for individual contributors who are seeking to become senior-level experts in their field. AMP participants attend workshops focused on innovation, influencing others, managing multiple priorities, executive presence and business acumen.

AMP for Leaders: Our high-potential leadership development program for individual contributors who are interested in a leadership career path.

MBA Leadership Development Program (MLDP): For recent MBA graduates to strengthen Edison's leadership pipeline. MLDP associates complete four rotations throughout the company to accelerate their industry knowledge, business acumen and leadership skills.

1   Performance reviews for represented employees depend on their collective agreement.

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EMPLOYEE ENGAGEMENT

At the end of the cycle, employees summarize their view of their performance, competencies and values, which is then integrated with the manager's view of these items and results in the final ratings for the employees.

EMPLOYEES OF THE FUTURE

The future of clean energy sits in the hands of the students of today. Our summer internship program harnesses that potential, offering undergraduate and graduate students and recent graduates an exciting opportunity to gain real-world industry experience. The program runs for 10 to 12 weeks and lets students play a hands-on role in SCE's projects, receiving invaluable mentoring from senior leaders and other company peers.

To guarantee each intern receives the dedicated support they need to develop, a limited number of positions are offered, with candidates carefully selected from a diverse talent pool. Interns can build the skills they need for full-time roles within our organization following graduation, and we have a high conversion rate of interns to permanent employees (55% in 2019, exceeding national benchmarks[2]). We're thankful that during the COVID-19 changes, we are able to continue our planned internships for the year, doing so virtually.

▲ Students and recent graduates who participated in SCE's 2019 summer internship program

ALL-HANDS RECRUITING

We're always on the lookout for the innovators of the future, which is why talent sourcing must be an always-on activity shared by everyone at Edison, not just by recruiters on an as-needed basis. We've redesigned our hiring processes and are working to integrate a recruitment mindset across our entire business.

Our strategy focuses on:

- **Creating Urgency for Hiring With Workforce Drivers:** We combine our recruitment goals with our company mission, generating a sense of urgency to make hiring a priority
- **Crowdsourcing Talent Strategy Cross-Functionally With Leaders:** We develop a multidisciplinary team of leaders to refine our recruitment strategy for pivotal roles
- **Shifting Sourcing to a Shared Partnership With Business for Greater Impact:** We engage the hiring manager, as well as all SCE employees, to actively participate in ongoing talent engagement

Our new approach to talent acquisition has seen the number of job applications we receive triple and was highlighted as a best practice by both Bersin and Gartner.

🏅 **FORTUNE 500 RECRUITMENT MARKETING PIONEERS**
4th place ranking recognizing Edison International as a strategic recruiter and early adopter of emerging technology

EMPLOYEE CARE DURING COVID-19

In response to the COVID-19 pandemic, SCE is working with IBEW Local 47 and Utility Workers Union of America (UWUA) Local 246 in a collaborative manner to make the necessary modifications to working conditions to keep our workers safe and maintain critical operations for the public. Linemen are assigned to "pods," and movement of personnel between crews is restricted. **Learn more about our COVID-19 response.**

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1   National Association of College & Employers (NACE) indicates the national average conversion is 48%.

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GOVERNANCE WITH INTEGRITY

▲ SCE's Grid Technology Center in Westminister, Calif.

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CORPORATE GOVERNANCE

Good governance serves as a foundation for good corporate behavior. Our corporate governance structure, risk management, compliance practices and security protocols reflect our ongoing commitment to ensuring we act in a responsible manner and are transparent and accountable in our engagements with stakeholders.

OUR BOARD OF DIRECTORS

Edison International's Board of Directors provides independent oversight of the management of our organization with the best interest of shareholders and other stakeholders in mind. Ten of our 11 directors are independent, elected annually by our shareholders. The only non-independent director is Edison International's President and CEO. The Board performs a self-evaluation annually to ensure it and its committees are functioning effectively.

Among its primary responsibilities, the Board oversees company strategy, financial performance, and safety, enterprise risk management, and ethics and compliance programs. Guiding the activities of the Board are our Corporate Governance Guidelines, which outline policies for overseeing the company.

Board Diversity

Our directors reflect the diversity of ethnicity, gender, skills, backgrounds and qualifications valued by our Board. Four of our 11 (36%) directors are female and seven of our 11 (64%) directors are diverse in terms of gender, race, ethnicity and/or LGBTQ identification. The Board's Nominating/Corporate Governance

Committee oversees Board composition and considers the diversity of candidates when recommending nominees for election.

Employee Engagement

The Board of Directors participates in a range of company- and employee-sponsored events throughout the year to better understand important issues and company culture. Many of our directors participate in leadership and ERG programs to support the company's diversity and inclusion initiatives. Our directors also participate in facility tours to better understand our operations and wildfire mitigation activities and engage directly with employees.

Shareholder Engagement

We engage with our major institutional shareholders regarding strategy and financial and operational performance throughout the year. We also engage with these shareholders on corporate governance, executive compensation and ESG issues at least annually. In 2019 and 2020, we had a cross-functional team from corporate governance, investor

relations, executive compensation and sustainability participate in meetings and calls with holders of approximately 40% of Edison International common stock. Edison International's CEO, Chief Financial Officer and Board Chair also participate in certain meetings. The nature of these engagements centered around the company's strategy, wildfire response and ESG efforts and disclosure. The shareholders we engaged with offered constructive feedback on opportunities to enhance our ESG practices and disclosure, which was subsequently communicated to the Board's Nominating/Corporate Governance Committee. Feedback on compensation matters was shared with the Board's Compensation and Executive Personnel Committee.

EDISON'S CORPORATE ESG GOVERNANCE STRUCTURE

BOARD OF DIRECTORS

OVERSIGHT OF COMPANY STRATEGY AND ESG ISSUES

AUDIT AND FINANCE COMMITTEE	COMPENSATION AND EXECUTIVE PERSONNEL COMMITTEE	SAFETY AND OPERATIONS COMMITTEE	NOMINATING/CORPORATE GOVERNANCE COMMITTEE
• Key risks related to wildfires and climate change • Key risks related to reliability, safety and public policy • Political and charitable contributions • Edison HelpLine data and ethics survey results on company culture • Financial performance and capital spending	• Incentive compensation plans and goals • Executive talent development	• Safety culture, goals and risks • Employee, contractor and public safety • Electric system reliability • Cyber and physical security • Wildfires	• Board composition and diversity • Significant ESG trends and Board and committee oversight of relevant ESG issues • Shareholder outreach efforts on ESG issues

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CYBER AND PHYSICAL SECURITY

National security relies on a secure power grid. We work continuously to defend our network of generation, transmission and distribution infrastructure from cyberattacks. We're also focused on preventing physical threats to our equipment, collaborating with industry partners to develop security solutions.

OUR APPROACH TO CYBERSECURITY

We're digitizing our operations to accelerate a clean energy future. However, with new digital technologies come new challenges for cybersecurity, and defending our grid is one of our top priorities. To protect against cyberthreats, we have developed a multi-layered strategy that brings together several tools, security technologies and processes with a robust governance structure.

▲ SCE's Michael Contreras Jr., Technical Specialist, and Nancy Dam, Information Systems Security Specialist

Cybersecurity Oversight

Our Board of Directors has assigned primary responsibility for cybersecurity oversight to its Safety and Operations Committee, which receives regular cybersecurity updates from SCE's Chief Information Officer. The updates focus on cybersecurity threats, defenses and data analytics related to our most critical assets. The Board also receives an annual report on cybersecurity from SCE's Chief Information Officer and an independent cybersecurity consultant that includes an assessment of our cybersecurity program and organization.

In addition, we have a cybersecurity oversight group comprised of a multidisciplinary senior leadership team that provides governance and strategic direction for the identification, protection and detection of cybersecurity risks to the company. Director Keith Trent serves as the Board liaison to the oversight group and regularly attends meetings. Other Board directors are invited to attend meetings and typically attend at least one meeting annually.

Grid Strengthening

Designing a strong grid is key to ensuring a secure network. SCE's electrical system includes controls to identify and prevent potential interference from logical threats. Our highly skilled engineers continuously study existing infrastructure to identify areas where our risk defenses can be strengthened.

CYBER AND PHYSICAL SECURITY

Collaboration on Security Measures

As well as developing robust cyber infrastructure and governance controls, we work with public sector and utility partners to share best practices and threat intelligence as well as current research findings and development initiatives. Our most important partnership is with the CEO-led Electricity Subsector Coordinating Council (ESCC). The ESCC is the principal liaison between federal government leaders and the electric power sector and facilitates the preparation of action plans for threats to critical infrastructure at a national level.

Edison International has been an industry leader in partnering with governments through the ESCC to develop a unified response to major cyber or physical attacks. Specifically, we have worked to identify, and break down, barriers to industry–government cooperation during periods of national emergency – whether technical, legal or policy-based. We have also led efforts to foster greater information sharing and collaboration between the federal government and utilities through the development of an all-purpose cooperation agreement.

Recently, SCE held a full-scale response drill to respond to a hypothetical cyberattack. Moreover, SCE runs periodic incident response plan scenarios, designed by the Federal Emergency Management Agency (FEMA), to test internal processes and systems.

Employee Awareness

Our employees play an important role in protecting our system. To increase employee awareness, we provide annual training courses and simulate phishing exercises, ensuring everyone is aware of potential threats, such as suspicious emails and websites, and is equipped to defend against cyberattacks. In 2019, industry group Edison Electric Institute's Cybersecurity Law Group offered members, including SCE, training on national security and privacy law issues, while monthly calls allowed members to raise concerns and share best practices.

PHYSICAL THREAT PROTECTION

Protecting our infrastructure from physical threats is just as important as cyberthreats. We are developing techniques to increase situational awareness of the security of our assets and have implemented programs to secure our sites against theft of ground wires. We collaborate with local law enforcement to investigate and prosecute crimes against our facilities to deter future theft. We also issue our employees, contractors, vendors and consultants electronically encoded identification badges. This way, only authorized personnel can access facilities and critical areas.

PERSONAL INFORMATION PROTECTION

As well as protecting our systems against cyberthreats, we understand that we have a responsibility to protect the personal information of our employees and customers. Our privacy policies and practices ensure customer and employee information is only used for the purpose for which it was collected. Guided by applicable privacy laws, including the California Consumer Privacy Act, we transparently share with customers what personal information we collect and how that information is used. We provide data protection education at all levels of the organization, ensuring we remain a company that customers trust. Data loss prevention controls are employed to protect personal information from data breaches.

Emergency preparedness exercise at SCE's Emergency Operations Center

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ETHICS AND COMPLIANCE

We expect our employees and contractors to act in an ethical manner and to comply with all relevant laws and regulations. Our expectations extend throughout our supply chain, where we conduct third-party reputational screening and require our suppliers to adhere to robust principles and standards.

To ensure ethics and compliance standards are upheld throughout our organization, we developed a companywide, integrated Compliance Management Framework. The framework addresses issues through a three-step process:

- **Prevention**: Identify, interpret and implement compliance requirements, ensuring employees understand their roles and responsibilities

- **Detection and response**: Monitor, investigate and report on compliance processes, practices and outcomes to provide reasonable assurance that operations adhere to applicable requirements

- **Improvement**: Update policies and processes and seek out best practices

ETHICS AND COMPLIANCE CODE FOR BOARD DIRECTORS

Our Ethics and Compliance Code for Directors outlines how members of the Board are expected to conduct themselves. The code covers topics such as conflicts of interest, confidentiality and fair dealing. The Board's Nominating/Corporate Governance Committee periodically reviews the code to ensure it reflects trends in effective corporate governance and complies with applicable laws and regulations. The Board also has regular Ethics and Compliance oversight training conducted by our Chief Ethics and Compliance Officer.

EMPLOYEE CODE OF CONDUCT

Our Employee Code of Conduct outlines the expectations we have for ethical behavior in the workplace, including our policy on anti-corruption. All our

SCE's Janelle Hartley, Government Relations Advisor, and Ariana Rodriguez, Business Operations Analyst

employees are required to certify annually that they comply with the code and to take part in regular training sessions.

Ethics@Work

To help our employees access guidance on our Code of Conduct, we developed the Ethics@Work app, available to all employees since January 2019. Through this smartphone platform, employees can access the code and company policies, find useful resources and report concerns to the Employee HelpLine.

SUPPLIER CODE OF CONDUCT

We expect our suppliers, as well as their employees, sub-suppliers and subcontractors, to adhere to our ethics and compliance standards. Our Supplier Code of Conduct outlines principles and standards recognized and implemented across a range of industries.

Third-Party Reputational Screening

As part of our Compliance Management Framework, we regularly screen suppliers, recipients of corporate philanthropy and other third parties to identify reputational and compliance risks as well as potential instances of corruption.

Our screening and monitoring service scans over 120,000 sources across 240 countries in over 70 languages. Checks are performed globally for sanctions against third parties, and organizations that have been placed on government watchlists. The service also scans for adverse media coverage. In cases where issues are found, we take corrective action, up to and including termination of a relationship. In 2019, we monitored approximately 7,400 third-party partners.

EDISON HELPLINE

Employees are encouraged to seek advice or report misconduct through several channels, including contacting their supervisors or the Edison HelpLine, a seven-days-a-week, 24-hours-a-day service staffed by dedicated experts. When contacting the HelpLine, employees can identify themselves or remain anonymous. We do not tolerate retaliation against anyone for making a report or seeking advice.

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RISK MANAGEMENT

Our Board of Directors oversees our enterprise risk management (ERM) process and monitors strategic and emerging risks. The Board's Audit and Finance Committee is responsible for company policies and guidelines with respect to risk assessment and management, major financial and other key risk exposures, and the steps taken to monitor and control risks.

OUR RISK MANAGEMENT STRATEGY

Our ERM process is designed to identify and anticipate business risks, evaluate risk management options and to monitor effectiveness of selected risk mitigations. Monitoring is conducted by ERM as well as various quality control functions embedded in the business. Our internal audit function performs assurance verifications. This is managed on an ongoing basis by the ERM team, with support from members of senior leadership, as well as leadership within individual operating units (OUs). The team is responsible for ensuring risks are considered in decisions about our business strategy, financial planning and goal-setting processes.

Risk Identification

ERM engages with the organization at multiple levels. Across the enterprise, ERM conducts regular meetings with OU leadership and performs periodic risk identification surveys. ERM engages senior leadership on emergent and ongoing risk issues through regular meetings of SCE's Risk Management Working Group, a forum designed to integrate operations and risk and provide a common framework for decision-making.

Risk Management

ERM works closely with each OU through a "hub-and-spoke" structure that is being implemented to manage risk across the company. Through this "hub-and-spoke" structure, risk-informed decisions are centralized at the "hub," with these decisions informed mainly by actions occurring at the "spokes." ERM, the "hub," establishes SCE's common risk management framework and facilitates cross-OU collaboration in developing and maintaining consistent and coherent risk management tools and systems. The OUs, which serve as the "spokes" in this context, provide data, analysis and guidance on the risks as found within each OU. This helps ERM prioritize and manage the key risks across the company.

SCE is working to further integrate risk into its major planning and decision-making processes. For example, thresholds or triggers are being developed for when an issue must be risk evaluated prior to a funding decision. ERM is driving this effort, working closely with OU partners to integrate risk into these planning and decision-making efforts.

Mitigation Based on Risk Assessments

We follow a comprehensive protocol to assess and mitigate public safety risks across our operations. SCE's risk-informed decision-making process builds upon processes for risk-informed ratemaking required by the CPUC. In November 2018, SCE filed its first Risk Assessment and Mitigation Phase (RAMP) report, which analyzed key safety risks including wildfires, climate change and cybersecurity threats. It also put forward mitigation proposals to reduce risks. The RAMP informed SCE's capital spending request in its most recently filed General Rate Case, covering the periods of 2021 through 2023.
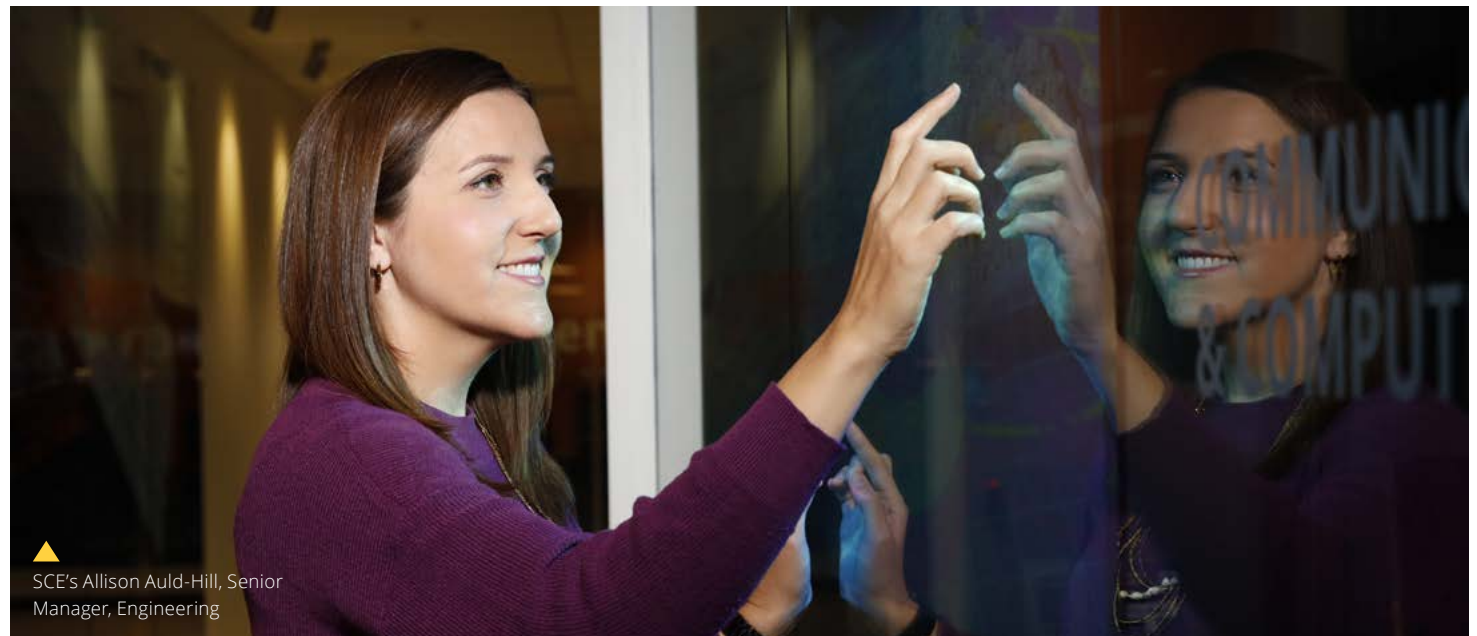
▲ SCE's Allison Auld-Hill, Senior Manager, Engineering

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POLITICAL CONTRIBUTIONS

Political developments can have a significant impact on the company and our stakeholders. Therefore, we believe it is our responsibility to actively participate in the political process by making contributions to candidates, parties and political action committees that support policies that help advance our business strategy, including clean energy and efficient electrification. The Board's Audit and Finance Committee also has responsibility for oversight of political contributions and receives regular updates on political giving.

WHO WE SUPPORT

We support candidates and committees that understand the importance of financially healthy businesses to advance policy priorities, such as achieving a clean energy future. The company will only make political contributions that comply with the law and adhere to our Political Contribution Policy. All contributions are approved by the most senior officer responsible for Government Affairs or the President and CEO. The Audit and Finance Committee receives regular updates on the company's political contributions.

TRANSPARENT GIVING

We are transparent about our political contributions and publicly disclose them on our website. In 2019, we were again recognized as a "Trendsetter" by the Center for Political Accountability, an independent nonprofit organization. The Trendsetter category, listed in the organization's Index of Corporate Political Disclosure and Accountability, highlights leaders in the S&P 500 for commitments to transparency and accountability in political spending.

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FORWARD-LOOKING STATEMENTS

Statements contained in this report, including the message from Edison International's President and CEO, about future performance, plans, expectations, objectives and forecasts, and other statements that are not purely historical, are forward-looking statements. These forward-looking statements reflect our current expectations; however, such statements involve risks and uncertainties. Actual results could differ materially from current expectations. These forward-looking statements represent our expectations only as of the date of this report, and Edison International assumes no duty to update them to reflect new information, events or circumstances. Some of the factors that could cause actual results to differ materially are discussed under the headings "Forward-Looking Statements," "Risk Factors," and "Management's Discussion and Analysis" in Edison International's Form 10-K for the year ended December 31, 2019 and other reports filed with the Securities and Exchange Commission, which are available on our website: www.edisoninvestor.com. These filings also provide additional information on historical and other factual data contained in this report.

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NON-GAAP RECONCILIATION

EARNINGS NON-GAAP RECONCILIATIONS ($ MILLIONS)

Reconciliation of Edison International generally accepted accounting principles (GAAP) Earnings to Edison International Core Earnings

EARNINGS PER SHARE ATTRIBUTABLE TO EDISON INTERNATIONAL	2017	2018	2019
Basic Earnings			
SCE	$1,012	($310)	**$1,409**
EIX Parent & Other	(447)	(147)	**(125)**
Discontinued Operations[1]	–	34	**–**
Total Basic Earnings	**$565**	**($423)**	**$1,284**
Non-Core Items			
SCE[1,2,3]	($481)	($1,750)	**($293)**
EIX Parent & Other[1,4]	(420)	(58)	**(18)**
Discontinued Operations[1]	–	34	**–**
Total Non-Core	**($901)**	**($1,774)**	**($311)**
Core Earnings			
SCE	$1,493	$1,440	**$1,702**
EIX Parent & Other	(27)	(89)	**(107)**
Total Core Earnings	**$1,466**	**$1,351**	**$1,595**

1 Includes income tax benefit of $34 million, income tax benefit of $66 million and income tax expense of $12 million in 2018 related to the settlement of the 1994–2006 California tax audit for discontinued operations, SCE and EIX parent and other, respectively.

2 Includes impairment charges of $716 million ($448 million after-tax) in 2017, income of $12 million ($9 million after-tax) in 2018 and $11 million ($8 million after-tax) in 2019 related to the Revised San Onofre Settlement Agreement. Also includes $33 million tax expense in 2017 and $88 million tax benefit in 2019 related to changes in allocation of deferred tax re-measurement between customers and shareholders. Also includes charge of $171 million ($123 million after-tax) related to the disallowed historical capital expenditures in SCE's 2018 GRC final decision and amortization of SCE's Wildfire Insurance Fund expenses of $152 million ($109 million after-tax) in 2019.

3 Includes wildfire-related claims, net of recoveries of $218 million ($157 million after-tax) and $2,534 million ($1,825 million after-tax) in the fourth quarter of 2018 and 2019, respectively.

4 Includes loss of $56 million ($46 million after-tax) related to sale of SoCore Energy in April 2018. Also includes tax expense of $433 million in 2017 as a result of Tax Reform and income related to losses (net of distributions) allocated to tax equity investors under the hypothetical liquidation at book value (HLBV) accounting method of $21 million ($13 million after-tax) in 2017, also includes goodwill impairment at Edison Energy Group of $25 million ($18 million after-tax) in 2019.

Note: See use of Non-GAAP Financial Measures.

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NON-GAAP RECONCILIATION

CORE EPS NON-GAAP RECONCILIATIONS

Reconciliation of Edison International Basic Earnings per Share (EPS)
to Edison International Core Earnings per Share

EARNINGS PER SHARE ATTRIBUTABLE TO EDISON INTERNATIONAL

	2017	2018	2019
Non-Core Items			
Basic EPS	**$1.73**	**$1.30**	**3.78**
Southern California Edison:			
Wildfire-related claims, net of recoveries	–	(5.60)	**(0.48)**
Impairment and other	(1.38)	0.03	**(0.35)**
Wildfire Insurance Fund Expense	–	–	**(0.34)**
Re-measurement of deferred taxes	(0.10)	–	**0.27**
Settlement of 1994–2006 California tax audits	–	0.20	**–**
Edison International Parent and Other:			
Goodwill impairment	–	–	**(0.06)**
Sale of SoCore Energy and others	0.04	(0.14)	**–**
Settlement of 1994–2006 California tax audits	–	(0.04)	**–**
Re-measurement of deferred taxes	(1.33)	–	**–**
Discontinued Operations			
Settlement of 1994–2006 California tax audits	–	0.10	**–**
Impact of share dilution	–	–	**0.04**
Less total non-core items	(2.77)	(5.45)	**(0.92)**
Core EPS	**$4.50**	**$4.15**	**$4.70**

USE OF NON-GAAP FINANCIAL MEASURES

Edison International's earnings are prepared in accordance with GAAP used in the United States. Management uses core earnings internally for financial planning and for analysis of performance. Core earnings are also used when communicating with investors and analysts regarding Edison International's earnings results to facilitate comparisons of the Company's performance from period to period. Core earnings are a non-GAAP financial measure and may not be comparable to those of other companies. Core earnings (or losses) are defined as earnings or losses attributable to Edison International shareholders less income or loss from discontinued operations and income or loss from significant discrete items that management does not consider representative of ongoing earnings, such as: exit activities, including sale of certain assets, and other activities that are no longer continuing; asset impairments and certain tax, regulatory or legal settlements or proceedings.

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SUSTAINABILITY SCORECARD

COMPARISON BETWEEN 2018 AND 2019

● Better   ● No change   ● Worse

COMPANY OVERVIEW

	2017	2018	2019
Net Income (millions $)	565	(423)	**1,284**
Core Earnings (millions $)**	1,466	1,351	**1,595**
Basic Earnings per Share ($)	1.73	(1.30)	**3.78**
Core Earnings per Share ($)**	4.50	4.15	**4.70**
Total Operating Revenue (millions $)	12,320	12,657	**12,347**
Total Assets (millions $)	52,580	56,715	**64,382**
Total Annual Capital Expenditures (millions $)	3,835˙	4,363	**4,815**
Number of Customer Accounts *	5,094,818	5,126,985	**5,151,098**
Number of Employees	12,521	12,574	**12,937**
Board of Directors: Total Number of Directors	11	11	**11**

TRANSITION TO A CLEAN ENERGY FUTURE

	2017	2018	2019	2018–2019 COMPARISON
Carbon-free Power (% of delivered electricity)*°	46	46	**48**	●
Renewables Portfolio Standard (RPS): Eligible Renewables (% of delivered electricity)*°	31.6	36.4**	**35.0**	● 1
CO_2e Emissions From Owned Electricity Rate (lbs/MWh)*	250	186	**227**	● 2
CO_2e Emissions From Delivered Electricity Rate (lbs/MWh)*	549	513	**534**	● 3
Scope 1 Emissions (million metric tons CO_2e)*°	1.9	1.1	**1.4**	● 4
Scope 2 Emissions (million metric tons CO_2e)*°	1.3	1.2	**0.8**	●
Scope 3 Emissions (million metric tons CO_2e)*°	16.6	15.8	**13.6**	●

📄 **See definitions on page 80**

TRANSITION TO A CLEAN ENERGY FUTURE (CONTINUED)

	2017	2018	2019	2018–2019 COMPARISON
SF_6 Emissions Rate (%)*	1.5	1.9	**1.0**	●
SF_6 Emissions (million metric tons CO_2e)*	0.168	0.213	**0.111**	●
NOx Emissions Rate of UOG (lbs/MWh)*	0.080	0.152	**0.080**	●
NOx Emissions From UOG (metric tons)*	153.5	147.6	**114.1**	●
SO_2 Emissions Rate of UOG (lbs/MWh)*	0.005	0.005	**0.005**	●
SO_2 Emissions From UOG (metric tons)*	8.9	4.7	**6.6**	● 5
Mercury Emissions From UOG (lbs/MWh)*	0	0	**0**	● 6
Customer Energy Efficiency: GWh % of CPUC Goals*	128	140	**116**	● 7
Customer Energy Efficiency: MW % of CPUC Goals*	127	139	**110**	● 7
Customer Energy Efficiency: (MW)*	292	286	**238**	● 7
Percent of Active Customer Accounts With Smart Meters (%)*	99.15	99.17	**99.18**	●

˙ 2017 figure restated from $3.828 billion to $3.835 billion for consistency with an accounting standards update reported in Edison International's 2018 10-K filing.

** 2018 figure restated from 36.5% to 36.4% due to lower RPS eligible deliveries from two facilities that experienced a delivery point outage for a short period in 2018.

° The 2019 calculation is an estimate and includes as an input an estimate of SCE's delivered power mix using the methodology prescribed by the California Energy Commission (CEC) Power Source Disclosure Program (PSDP) as of April 23, 2020. SCE's final PSDP report will be filed with the CEC on July 20, 2020, and may include updates to the inputs used in this calculation.

1 In 2019, 38.1% of SCE's supply portfolio came from renewable sources eligible under California's RPS, which is an increase over 2018 (36.4%). Of that, approximately 35% was delivered to customers and 3% was sold for resale. The 2019 figure in the scorecard is the estimated percent delivered to customers.

2 In 2019, SCE's largest natural gas asset, Mountainview Generating Station, was economically dispatched by the California Independent System Operator (CAISO) for more hours than in 2018. While year-over-year dispatch varies based on a number of factors, including local electricity supply and demand, natural gas prices and plant availability, SCE forecasts that Mountainview Generating Station will run less over time than it has historically due to increased renewable and battery storage capacity available in the market.

3 While SCE's estimated 2019 delivered power mix had a higher proportion of carbon-free power than in 2018, pursuant to the methodology prescribed by the CEC PSDP as of April 23, 2020, the emissions intensity increased slightly. This is due to a higher proportion of specified natural gas resources, with a higher average emissions intensity, versus unspecified market resources, with a comparatively lower average emissions intensity, in SCE's estimated delivered power in 2019 compared to 2018. See additional details in Clean Energy.

4 Scope 1 emissions have declined 26% since 2017; however, they show an increase over our 2018 performance. In 2018, SCE's largest natural gas asset, Mountainview Generating Station, which makes up a significant portion of SCE's Scope 1 emissions, was economically dispatched by CAISO for more hours than in 2018. See note 2.

5 SO_2 emissions increased due to increased economic dispatch of SCE-owned Mountainview Generating Station in 2019 compared to 2018. See note 2.

6 SCE does not own any coal generation plants and does not emit mercury emissions.

7 Performance on customer energy efficiency measures decreased slightly in 2019 compared to 2018. Stricter building codes throughout SCE's service area have resulted in fewer opportunities to achieve energy savings through SCE's program (i.e., there are fewer opportunities for savings above code as the codes become stricter).

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SUSTAINABILITY SCORECARD

● Better ● No change ● Worse

OPERATIONS AND GOVERNANCE

	2017	2018	2019	2018–2019 COMPARISON
System Reliability: SAIDI (minutes, repair only)*	91.72	71.25	89.29	● 8
System Reliability: SAIFI (occurrences, repair only)*	0.87	0.72	0.87	● 8
System Reliability: CAIDI (minutes, repair only)*	105.40	99.58	103.23	● 8
Board of Directors: Females as % of Directors	27	27	36	●
Board of Directors: Diverse Race/Ethnicity as % of Directors	45	36	36	●
Board of Directors: Self-Identified LGBT as % of Directors ††	–	9	9	●
Board of Directors: Combined Diversity as % of Directors	64	55	64	●
Environmental-Related Inspections With No NOVs Issues (% of total inspections)*	97	99	97	● 9
Environmental-Related Settlements, Fines and Penalties ($)*, §	17,750	486,772	42,900	●
Number of Air Permit Noncompliance Events With Fine*, §§	3	2	0	●
Number of Water Permit Noncompliance Events With Fine*	1	1	0	●
Consumptive Fresh Water Use – Fossil Fuel Generation (million gallons)*	637	317	407	● 10
Amount of Hazardous Waste Disposed (tons)*	9,089	8,169	4,616	●
Habitat Protected, Enhanced or Restored (acres)*	3,906	3,944	4,401	●

8   SCE's 2019 performance across reliability metrics was reduced compared to 2018, in large part due to a substantial increase in unplanned outages stemming from wildfire-related enhanced overhead inspections. See additional details in Reliability.

9   In 2019, more agency inspections were conducted and more Notices of Violation (NOVs) were received as compared to 2018.

10   Consumptive water use increased due to increased economic dispatch of SCE-owned Mountainview Generating Station in 2019 compared to 2018. See Scope 1 emissions note.

11   SCE believes changes in employee work and workload related to wildfire mitigation efforts contributed the increase in OSHA Recordable, Lost Workday and DART Rate injuries. In response, SCE has developed, and will execute in 2020, a plan tailored to the areas where most injuries occur. SCE reduced its serious injury and fatality rate by 50% compared to 2018, however, and believes this is due in part to efforts to strengthen the company's safety culture and target the elimination of serious injuries and fatalities (e.g., cause evaluations, Safety Predictive Model, Risk Based Safety Program).

12   We were deeply saddened that three contract workers suffered fatal injuries in 2019. In 2019, SCE strengthened safety requirements for contractors, as well as increased the consequences for contractors who do not meet our safety requirements and expectations. To continue down that path, in 2020, SCE will implement more safety requirements for both prime and subcontractors.

¨¨   2019 figure restated after publication from 59.4% to 59% for consistency in format with other Diversity metrics.

CUSTOMERS, COMMUNITIES AND EMPLOYEES

	2017	2018	2019	2018–2019 COMPARISON
Safety: Employee OSHA Recordable Rate	2.03	1.95	2.30	● 11
Safety: Employee Lost Workday Case Rate	0.76	0.72	0.83	● 11
Safety: Employee DART Rate	0.97	0.96	1.15	● 11
Safety: Employee Fatalities	0	0	0	●
Safety: Employee Serious Injuries	13	14	7	●
Safety: Employee SIF Rate	0.10	0.11	0.05	●
Safety: Contractor OSHA Recordable Rate	0.71	0.92	0.56	●
Safety: Contractor DART Rate	0.37	0.55	0.35	●
Safety: Contractor Fatalities	0	2	3	● 12
Safety: Tier 1 Contractor Serious Injuries	–	25	11	●
Customer Satisfaction: J.D. Power & Associates Survey Results – Electric Residential (out of possible score of 1,000)*	726	725	726	●
Customer Satisfaction: J.D.Power & Associates Survey Results – Electric Business (out of possible score of 1,000)*	759	776	786	●
Diversity: Females as % of Workforce	30	31	31	●
Diversity: Females as % of Management	28	30	30	●
Diversity: Females as % of Executives	27	33	35	●
Diversity: Diverse Race/Ethnicity as % of Workforce	57	58	59¨¨	●
Diversity: Diverse Race/Ethnicity as % of Management	43	46	47	●
Diversity: Diverse Race/Ethnicity as % of Executives	30	33	34	●
Diversity: Combined as % of Workforce	67	68	69	●

📄 **See definitions on page 80**

SUSTAINABILITY SCORECARD

CUSTOMERS, COMMUNITIES AND EMPLOYEES

	2017	2018	2019	2018–2019 COMPARISON
Diversity: Combined as % of Management	58	59	**59**	🔵
Diversity: Combined as % of Executives	45	55	**59**	🟢
Supplier Diversity Spend (billions $)*	1.72	2.13	**2.21**	🟢
Supplier Diversity Spend Percentage (%)*	43.92	46.73	**40.11**	🟠 13
Community Investments: Contributions by Shareholder From Pre-Tax Earnings from Operations (millions $)	21.8	20.0	**23.0**	🟢
Community Investments: Contributions to Nonprofit Organizations by Employees (millions)	2.3	1.8	**2.0**	🟢
Community Investments: Employee & Retiree Volunteer Hours	134,319	118,733	**106,485**	🟠

13   SCE's procurement spend with diverse business enterprises increased in 2019 compared to 2018, but percentage decreased. This was largely due to an increase in spend on wildfire mitigation work, for which there are fewer eligible diverse business enterprises. As business models and requirements evolve with the industry transformation we remain committed to the development and utilization of small, local, and diverse businesses. SCE utilizes a variety of procurement approaches and channels to source and purchase goods and services based on multiple factors. SCE strives to achieve greater than 40% spend with diverse business enterprises, which is a goal we've achieved for seven consecutive years.

*   All metrics reflect data associated with Edison International and its consolidated subsidiaries, with the exception of metrics denoted by (*), which reflect SCE data only, and the "Community Investments" metrics related to contributions to nonprofit organizations by employees and employee and retiree volunteer hours, which reflect Edison International and SCE data only.

**   See Non-GAAP Reconciliations and Use of Non-GAAP Financial Measures on pp. 75–76 in the Appendix.

§   Revisions have been made to the 2017 and 2018 totals, a decrease of $3,387 (from $21,137 to $17,750) and increase of $3,197 (from $483,575 to $486,772), respectively. The decrease in 2017 was due to attributing a $3,387 fine paid in 2018 to 2017. The increase of $3,197 in 2018 was due to a $3,387 fine previously attributed to 2017, the inclusion of a $176 fine not previously recorded, and adjustment of a fine, previously reported as $441,000, to the actual fine amount of $440,634.

§§   2018 count revised (from 0 to 2) due to payments for two NOVs received in 2018 being finalized in 2020.

DEFINITIONS

Amount of Hazardous Waste Disposed (tons)
Includes federal- and state-regulated hazardous waste that SCE disposed of via landfill, incineration, wastewater treatment or chemical treatment.

Carbon-free Power (% of delivered electricity)
Percent of RPS-eligible renewable resources, large hydroelectric and nuclear generation as part of SCE's overall delivered power mix.

CO_2e Emissions From Delivered Electricity Rate (lbs/MWh)
CO_2 (carbon dioxide equivalent) emissions associated with electric power generation from all sources of SCE equity-owned generation and purchased power (specified and unspecified power purchases) delivered to electric power customers.

CO_2e Emissions From Owned Electricity Rate (lbs/MWh)
CO_2 emissions associated with electric power generation from all sources of SCE equity-owned generation.

Consumptive Fresh Water Use – Fossil Fuel Generation (million gallons)
The rate of fresh water consumed for use in thermal generation. 'Fresh water' includes water sourced from fresh surface water, groundwater, rain water and fresh municipal water. It does not include recycled, reclaimed or gray water.

Customer Energy Efficiency: GWh % of CPUC Goals
Percentage toward SCE energy savings goals adopted in CPUC decision 17-09-025 in 2017

Customer Energy Efficiency: MWh % of

CPUC Goals
Percentage toward SCE energy savings goals adopted in CPUC decision 17-09-025 in 2017

Diversity: Combined
Female and/or diverse race/ethnicity.

Diversity: Executives
Officer and non-officer executives at Edison International and its consolidated subsidiaries, including: Edison International President & CEO, SCE President & CEO, executive vice presidents, senior vice presidents, vice presidents, managing directors and directors.

Diversity: Management
Non-executive managers, including principal managers, senior managers and managers.

Diversity: Workforce
Total active employee population across Edison International and its consolidated subsidiaries.

Habitat Protected, Enhanced or Restored (acres)
Indicator is for habitats protected, enhanced or restored by SCE to support natural habitat and biodiversity as required for mitigation. Habitat protection is placing a protection mechanism over the land, such as a deed restriction or a conservation easement. Both instruments identify the specific allowed land practices and restrictions such as: prohibition of any infrastructure or permanent features on the property. Habitat enhancement is defined as improving the habitat from its current degraded state, which is usually limited to weed abatement or minimal seeding. Habitat restoration is converting the current degraded habitat to its original, intended state which can include soil amendments, planting, installing irrigation and weed abatement.

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DEFINITIONS

NOx Emissions (metric tons)
NOx (nitrogen oxide) emissions rate associated with electric power generation from all sources of SCE equity-owned generation, using EPA Part 75 Acid Rain methodology.

NOx Emissions Rate (lbs/MWh)
NOx emissions rate associated with electric power generation from all sources of SCE equity-owned generation, using the EPA Part 75 Acid Rain methodology.

Renewables Portfolio Standard: Eligible Renewables (% of delivered electricity)
Eligible renewable resources are defined by statute and the California Energy Commission. Retail sellers of electricity in California, including investor-owned utilities, electricity service providers and community choice aggregators, and publicly owned utilities are required to serve 33% of their load with eligible renewables by 2020 and 60% by 2030.

Safety: Contractor DART Rate
Contractor Days Away, Restrictions and Transfers (DART) sum of work-related restricted duty and lost time injuries that result in at least one whole day away from work after the date of the incident calculated as (count of DART incidents x 200,000)/hours worked.

Safety: Contractor Fatalities
Number of contractor work-related deaths.

Safety: Contractor OSHA Recordable Rate
Contractor work-related injuries and illnesses (including lost time injuries) that result in loss of consciousness, restricted duty, job transfer, medical treatment beyond first aid, fatality or a significant injury or illness according to the Occupational Safety and Health

Administration (OSHA) calculated as (count of OSHA recordable injuries and illnesses x 200,000)/hours worked.

Safety: Tier 1 Contractor Serious Injuries
Number of contractor work-related serious injuries as defined by Edison Electric Institute (EEI) criteria.

Safety: Employee DART Rate
Days Away, Restrictions and Transfers (DART) sum of work-related restricted duty and lost time injuries that result in at least one whole day away from work after the date of the incident calculated as (count of DART incidents x 200,000)/hours worked.

Safety: Employee Fatalities
Number of employee work-related deaths.

Safety: Employee Lost Workday Case Rate
Work-related injuries that result in at least one whole day away from work after the date of the incident calculated as (count of injuries resulting in at least one lost workday x 200,000)/hours worked.

Safety: Employee OSHA Recordable Rate
Work-related injuries and illnesses (including lost time injuries) that result in loss of consciousness, restricted duty, job transfer, medical treatment beyond first aid, fatality or a significant injury or illness according to OSHA calculated as (count of OSHA recordable injuries and illnesses x 200,000)/hours worked.

Safety: Employee Serious Injuries
Number of employee work-related serious injuries as defined by EEI criteria.

Safety: Employee SIF Rate
Total company Serious Injury and Fatality rate as defined by EEI criteria, calculated as (count of serious injuries and fatalities x 200,000)/

hours worked. EEI has 13 criteria for serious injuries and fatalities, including fatalities, amputations (involving bone), second- or third-degree burns, bone fractures and severe heat exhaustion.

Scope 1 Emissions (million metric tons CO_2e)
Scope 1 includes GHG emissions under the direct control of SCE, including utility-owned generation (UOG), stationary combustion (heating equipment, emergency generators), transportation (SCE-owned and/or operated fleet), and fugitives (refrigerants and sulfur hexafluoride (SF_6) from transmission and distribution (T&D) equipment).

Scope 2 Emissions (million metric tons CO_2e)
Scope 2 includes indirect GHG emissions required for business processes, including facility energy use (electricity) and transmission losses.

Scope 3 Emissions (million metric tons CO_2e)
Scope 3 includes indirect GHG emissions released as a consequence of SCE activities including specified and unspecified power purchases.

SF_6 Emissions (million metric tons CO_2e)
SF_6 emissions associated with SCE T&D equipment, as reported to the EPA.

SF_6 Emissions Rate (%)
SF_6 emissions rate associated with SCE T&D equipment, as reported to the EPA.

SO_2 Emissions (metric tons)
SO_2 (sulfur dioxide) emissions associated with electric power generation from all sources of SCE equity-owned generation, using EPA Part 75 Acid Rain methodology.

SO_2 Emissions Rate (lbs/MWh)
SO_2 emissions rate associated with electric power generation from all sources of SCE equity-owned generation, using EPA Part 75 Acid Rain methodology.

Supplier Diversity Spend Percentage (%)
SCE's total annual supplier diversity spend/ total annual procurement spend.

System Reliability: CAIDI (minutes, repair only)
Customer Average Interruption Duration Index is the average repair outage duration (in minutes) per SCE customer; also, average time to restore service. Excludes major event days in alignment with Institute of Electrical and Electronics Engineers (IEEE) recommendations.

System Reliability: SAIDI (minutes, repair only)
System Average Interruption Duration Index is the cumulative duration (in minutes) of sustained repair outages experienced by the average SCE customer in a year. Excludes major event days in alignment with IEEE recommendations.

System Reliability: SAIFI (occurrences, repair only)
System Average Interruption Frequency Index is the number of sustained repair outages (power outage lasting longer than five minutes) experienced by the average SCE customer in a year. Excludes major event days in alignment with IEEE recommendations.

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SASB INDEX:
ELECTRIC UTILITIES AND POWER GENERATORS STANDARD

This is Edison International's first year reporting metrics in accordance with the Sustainability Accounting Standards Board (SASB) methodology. Data included in this disclosure may differ from data otherwise included in the report or other disclosures in order to conform to the SASB reporting requirements. Unless otherwise specified, metrics reflect SCE performance only.

TOPIC	ACCOUNTING METRIC	CATEGORY	UNIT OF MEASURE	CODE	EDISON INTERNATIONAL COMPANY RESPONSE
Greenhouse Gas Emissions & Energy Resource Planning	Gross global Scope 1 emissions, percentage covered under a regulatory program	Quantitative	Metric tons (t) CO_2e, Percentage (%)	IF-EU-110a.1	Appendix: Sustainability Scorecard, p. 78 Environmental Stewardship, p. 34 96% of Scope 1 emissions are covered under a regulatory program.
	Greenhouse gas (GHG) emissions associated with power deliveries	Quantitative	Metric tons (t) CO_2e	IF-EU-110a.2	Appendix: Sustainability Scorecard, p. 78
	Discussion of long-term and short-term strategy or plan to manage Scope 1 emissions, emissions reduction targets, and an analysis of performance against those targets	Discussion and Analysis	n/a	IF-EU-110a.3	⬈ Clean Power and Electrification Pathway, p. 5 Environmental Stewardship, p. 33–34 ⬈ Pathway 2045, in particular pp. 5–9 and associated appendices
	(1) Number of customers served in markets subject to renewable portfolio standards (RPS) and (2) percentage fulfillment of RPS target by market	Quantitative	Number, Percentage (%)	IF-EU-110a.4	(1) 5,151,098 (2) 100%
Air Quality	Air emissions of the following pollutants: (1) NOx (excluding N_2O), (2) SOx, (3) particulate matter (PM_{10}), (4) lead (Pb), and (5) mercury (Hg); percentage of each in or near areas of dense population	Quantitative	Metric tons (t), Percentage (%)	IF-EU-120a.1	Appendix: Sustainability Scorecard, p. 78 100% Note: SCE does not include emissions from particulate matter (PM10) or lead (Pb) in these calculations, as no standardized calculation methodology is available for these pollutants.

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SASB INDEX: ELECTRIC UTILITIES AND POWER GENERATORS STANDARD

TOPIC	ACCOUNTING METRIC	CATEGORY	UNIT OF MEASURE	CODE	EDISON INTERNATIONAL COMPANY RESPONSE
Water Management	(1) Total water withdrawn, (2) total water consumed, percentage of each in regions with High or Extremely High Baseline Water Stress	Quantitative	Thousand cubic meters (m³), Percentage (%)	IF-EU-140a.1	Appendix: Sustainability Scorecard, p. 78 SCE does not currently have a measurement of total water consumed and percentage of each in regions with High or Extremely High Baseline Stress.
	Number of incidents of non-compliance associated with water quantity and/or quality permits, standards, and regulations	Quantitative	Number	IF-EU-140a.2	5
	Description of water management risks and discussion of strategies and practices to mitigate those risks	Discussion and Analysis	n/a	IF-EU-140a.3	SCE is addressing current and evolving water management risks through its environmental management system and a published standard for water systems to ensure management of groundwater rights in accordance with California's Sustainable Groundwater Management Act (SGMA). The SGMA provides the state a framework to manage its groundwater resources, and as basins in California are adjudicated, SCE determines its legal entitlement to authorize water rights for the applicable groundwater basins within SCE service area. Accordingly, SCE collects and submits pumping reporting records to the state and local groundwater management agencies. The applicable agencies include the State Water Resources Control Board (SWRCB), state Division of Drinking Water (DDW), state Department of Water Resources (DWR), and local watermasters established under the SGMA.
Coal Ash Management	Amount of coal combustion residuals (CCR) generated, percentage recycled	Quantitative	Metric tons (t), Percentage (%)	IF-EU-150a.1	SCE does not own or have specified coal generation contracts.
	Total number of coal combustion residual (CCR) impoundments, broken down by hazard potential classification and structural integrity assessment	Quantitative	Number	IF-EU-150a.2	SCE does not own or have specified coal generation contracts.

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SASB INDEX: ELECTRIC UTILITIES AND POWER GENERATORS STANDARD

TOPIC	ACCOUNTING METRIC	CATEGORY	UNIT OF MEASURE	CODE	EDISON INTERNATIONAL COMPANY RESPONSE
Energy Affordability	Average retail electric rate for (1) residential, (2) commercial, and (3) industrial customers	Quantitative	Rate	IF-EU-240a.1	Residential: $0.1565 Commercial and Industrial: $0.1151 For more details, see FERC Form 1 2019 filing p. 304
	Typical monthly electric bill for residential customers for (1) 500 kWh and (2) 1,000 kWh of electricity delivered per month	Quantitative	Reporting currency	IF-EU-240a.2	In 2019, SCE's average monthly residential bill was $93 and average monthly residential usage was 573 kWh. SCE's average cents-per-kWh rate for residential customers varies based on monthly customer usage and customer location within the service area. For more details, see U.S. Energy Information Administration Form EIA - 861M detailed data
	Number of residential customer electric disconnections for non-payment, percentage reconnected within 30 days	Quantitative	Number, Percentage (%)	IF-EU-240a.3	Residential Disconnections: 403,403 Residential Reconnections: 381,432 Percent reconnected within 30 days: 95%
	Discussion of impact of external factors on customer affordability of electricity, including the economic conditions of the service territory	Discussion and Analysis	n/a	IF-EU-240a.4	Affordability, p. 48 Economic Development, p. 53 Environmental and Social Justice, p. 55
Workforce Health & Safety	(1) Total recordable incident rate (TRIR), (2) fatality rate, and (3) near miss frequency rate (NMFR)	Quantitative	Rate	IF-EU-320a.1	Reported for Edison International and consolidated subsidiaries (1) Total recordable incident rate (TRIR): 2.30 (2) Fatality rate: 0.00 (3) Near miss frequency rate: 3.87
End-Use Efficiency & Demand	Percentage of electric utility revenues from rate structures that (1) are decoupled and (2) contain a lost revenue adjustment mechanism (LRAM)	Quantitative	Percentage (%)	IF-EU-420a.1	(1) 100% (2) 0
	Percentage of electric load served by smart grid technology	Quantitative	Percentage (%) by megawatt hours (MWh)	IF-EU-420a.2	Appendix: Sustainability Scorecard, p. 78 (Smart meter connection rate)
	Customer electricity savings from efficiency measures, by Market	Quantitative	Megawatt hours (MWh)	IF-EU-420a.3	1,173,500 MWh based on SCE's energy savings as defined by and reported to the California Public Utilities Commission in accordance with Decision 17-09-025.

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TOPIC	ACCOUNTING METRIC	CATEGORY	UNIT OF MEASURE	CODE	EDISON INTERNATIONAL COMPANY RESPONSE
Nuclear Safety & Emergency Management	Total number of nuclear power units, broken down by U.S. Nuclear Regulatory Commission (NRC) Action Matrix Column	Quantitative	Number	IF-EU-540a.1	☑ SCE has a 15.8% equity share of the Palo Verde Nuclear Generating Station. The station is comprised of three pressurized water reactors that produce approximately 1,412 MWe each or 4,236 MWe for the site.
	Description of efforts to manage nuclear safety and emergency preparedness	Discussion and Analysis	n/a	IF-EU-540a.2	☑ Decomissioning San Onofre Nuclear Generating Station
Grid Resiliency	Number of incidents of non-compliance with physical and/or cybersecurity standards or regulations	Quantitative	Number	IF-EU-550a.1	This information is confidential.
	(1) System Average Interruption Duration Index (SAIDI), (2) System Average Interruption Frequency Index (SAIFI), and (3) Customer Average Interruption Duration Index (CAIDI), inclusive of major event days	Quantitative	Minutes, Number	IF-EU-550a.2	System Average Interruption Duration Index (SAIDI): 177.973 System Average Interruption Frequency Index (SAIFI): 1.040 Customer Average Interruption Duration Index (CAIDI): 171.175

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SASB INDEX: ELECTRIC UTILITIES AND POWER GENERATORS STANDARD

ACTIVITY METRIC	CATEGORY	UNIT OF MEASURE	CODE	CATEGORY
Number of: (1) residential, (2) commercial, and (3) industrial customers served	Quantitative	Number	IF-EU-000.A	Edison International and Southern California Edison 2019 Financial & Statistical Report, SCE Customers, p. 13
Total electricity delivered to: (1) residential, (2) commercial, (3) industrial, (4) all other retail customers, and (5) wholesale customers	Quantitative	Megawatt hours (MWh)	IF-EU-000.B	Edison International and Southern California Edison 2019 Financial & Statistical Report, SCE Kilowatt-Hour Sales, p. 15
Length of transmission and distribution lines	Quantitative	Kilometers (km)	IF-EU-000.C	189,903 kilometers
Total electricity generated, percentage by major energy source, percentage in regulated markets	Quantitative	Megawatt hours (MWh), Percentage (%)	IF-EU-000.D	Edison International and Southern California Edison 2019 Financial and Statistics Report, SCE Total Energy Requirement – Owned, p. 16 for total electricity generated (12,540,000 MWh) and percentage by major energy source 100% in regulated markets
Total wholesale electricity purchased	Quantitative	Megawatt hours (MWh)	IF-EU-000.E	52,572,540 MWh estimated based on SCE's 2019 delivered power mix using the methodology prescribed by the California Energy Commission's (CEC) Power Source Disclosure Program (PSPD) as of April 23, 2020. SCE's final PSDP report will be filed with the CEC on July 20, 2020, and may include updates to reflect subsequent changes or clarifications to PSDP's methodology and reporting template. Calculated by subtracting utility-owned generation from total delivered power.

Notes:

Note to IF-EU-110a.4 – The entity shall discuss its operations in markets with renewable portfolio standards (RPS) regulations or where regulations are emerging, including whether it is meeting its regulatory obligations, whether regulations require future increases or changes to the entity's renewable energy portfolio, and strategies to maintain compliance with emerging regulations.

Note to IF-EU-240a.3 – The entity shall discuss how policies, programs, and regulations impact the number and duration of residential customer disconnections.

Note to IF-EU-420a.2 – The entity shall discuss the opportunities and challenges associated with the development and operations of a smart grid.

Note to IF-EU-420a.3 – The entity shall discuss customer efficiency regulations relevant to each market in which it operates.

Note to IF-EU-550a.2 – The entity shall discuss notable service disruptions such as those that affected a significant number of customers or disruptions of extended duration.

Note to IF-EU-000.A – The number of customers served for each category shall be considered as the number of meters billed for residential, commercial, and industrial customers.

Note to IF-EU-000.C – The length of transmission and distribution lines shall be calculated on a circuit kilometer basis, where a circuit kilometer is defined as the total length of circuits, regardless of conductors used per circuit.

Note to IF-EU-000.D – Generation shall be disclosed by each of the following major energy sources: coal, natural gas, nuclear, petroleum, hydropower, solar, wind, other renewables, and other gases. The scope includes owned and/or operated assets. The scope excludes electricity consumed at the generating facilities.

Note to IF-EU-000.E – The scope excludes electricity consumed at the generating facilities.

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TCFD INDEX

This is Edison International's first year referencing the Task Force on Climate-related Disclosures (TCFD).
This index maps Edison International's existing public disclosures to the TCFD framework.

TOPIC	RECOMMENDED DISCLOSURES	EDISON INTERNATIONAL COMPANY RESPONSE/LOCATION OF INFORMATION
GOVERNANCE		
Disclose the organization's governance around climate-related risks and opportunities	a) Describe the board's oversight of climate-related risks and opportunities.	2019 Performance Incentives, p. 11 Corporate Governance, p. 68 ⮺ Edison International & Southern California Edison Company 2020 Joint Proxy Statement, pp. 2–3, 25–26, and 42–46 ⮺ Nominating/Corporate Governance Committee Charter, Article V (b)
	b) Describe management's role in assessing and managing climate-related risks and opportunities.	Oversight of ESG Risks and Opportunities, p. 11 ⮺ Nominating/Corporate Governance Committee Charter, Article V (b) ⮺ Safety and Operations Committee Charter, Article III, Section 1 ⮺ SCE's 2018 Risk Assessment Mitigation Phase Report, Chapter 1 – RAMP Overview, in particular see pp. 10–12
STRATEGY		
Disclose the actual and potential impacts of climate-related risks and opportunities on the organization's businesses, strategy and financial planning.	a) Describe the climate-related risks and opportunities the organization has identified over the short, medium, and long term.	⮺ 2019 Edison International Form 10-K, p. 42 ("Operating Risks") and p. 43 ("Competitive and Market Risks") ⮺ SCE's 2018 Risk Assessment Mitigation Phase Report, Chapter 12 – Climate Change, in particular see pp. 1–2, 7, 17–23 ⮺ Pathway 2045 Appendix, pp. 11–17 ⮺ Final Decision: 2019-2020 Electric Resource Portfolios to Inform Integrated Resource Plans and Transmission Planning, see 2.2. Scenarios and Sensitivities and 2.2.1 Comments of the Parties, pp. 12–14 ⮺ Final Decision: 2019-2020 IRP Fact Sheet
	b) Describe the impact of climate-related risks and opportunities on the organization's businesses, strategy, and financial planning.	Our Vision, pp. 18–20 ⮺ 2019 Edison International Form 10-K, p. 11 ("Electricity Industry Trends"), p. 42 ("Operating Risks") and p. 43 ("Competitive and Market Risks") ⮺ Pathway 2045 Appendix, pp. 1–21 ⮺ SCE's 2018 Risk Assessment Mitigation Phase Report, Chapter 12, pp. 1–2, 7, 17–23, 30–37
	c) Describe the resilience of the organization's strategy, taking into consideration different climate-related scenarios, including a 2°C or lower scenario.	Our Vision, pp. 18–20 ⮺ 2019 Edison International Form 10-K, Environmental Considerations, p. 135 ⮺ Pathway 2045 White Paper ⮺ Pathway 2045 Appendix

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TOPIC	RECOMMENDED DISCLOSURES	EDISON INTERNATIONAL COMPANY RESPONSE/LOCATION OF INFORMATION
RISK MANAGEMENT		
Disclose how the organization identifies, assesses and manages climate-related risks.	a) Describe the organization's processes for identifying and assessing climate-related risks.	Our Vision, Climate Change Adaptation, p. 19 ⬈ SCE's 2018 Risk Assessment Mitigation Phase Report, Chapter 12, pp. 1–2, 7, 17–23, 30–37 ⬈ 2019 Edison International Form 10-K, Environmental Considerations, p. 135 ⬈ Pathway 2045 Appendix, pp. 1–5 ⬈ California Public Utilities Commission (CPUC) Order Instituting Rulemaking (OIR) to Consider Strategies and Guidance from Climate Change Adaptation, Assigned Commissioner's Scoping Memo and Ruling, 2. Scope, pp. 2–3 ⬈ CPUC OIR to Consider Strategies and Guidance for Climate Change Adaptation, Southern California Edison Company's Response to Administrative Law Judge's Ruling Ordering Filing of Existing Vulnerability Assessments Performed by Investor-Owned Utilities ⬈ 2017-2018 Integrated Resource Plan of Southern California Edison, see "2. SCE's Analysis Demonstrates That Cost-Effectively Meeting the State's 2030 GHG Emissions Goal Requires a More Stringent Electric Sector GHG Emissions Planning Target and Higher Electrification," pp. 8–10 *(Note: File is embedded within the "R1602007 SCE 2017-18 IRP and Appendices A-H and J (Public versions)" folder and titled "R1602007-SCE 2017-18 IRP-Integrated Resource Plan_PUBLIC.pdf)*
	b) Describe the organization's processes for managing climate-related risks.	⬈ SCE's 2018 Risk Assessment Mitigation Phase Report, Chapter 1 – Overview, in particular pp. 10–12 ⬈ 2021 General Rate Case (GRC) SCE-04, Vol 1, Business Continuation pp. 17–24
	c) Describe how processes for identifying, assessing, and managing climate-related risks are integrated into the organization's overall risk management.	⬈ SCE's 2018 Risk Assessment Mitigation Phase Report, Chapter 1 – RAMP Overview, pp. 10–12, and Chapter 12, pp. 1–2, 7, 17–23, 30–37

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TOPIC	RECOMMENDED DISCLOSURES	EDISON INTERNATIONAL COMPANY RESPONSE/LOCATION OF INFORMATION
METRICS AND TARGETS		
Disclose the metrics and targets used to assess and manage relevant climate-related risks and opportunities.	a) Disclose the metrics used by the organization to assess climate-related risks and opportunities in line with its strategy and risk management process.	2019 Performance Incentives, p. 11 Appendix: Sustainability Scorecard pp. 78–79 (metrics under "Transition to a Clean Energy Future" and "Operations and Governance")
	b) Disclose Scope 1, Scope 2, and, if appropriate, Scope 3 greenhouse gas (GHG) emissions, and the related risks.	Clean Energy, p. 21 Scope 1, 2 and 3 Emissions, p. 34 Appendix: Sustainability Scorecard, p. 78 🔗 Final Decision: 2019-2020 Electric Resource Portfolios to Inform Integrated Resource Plans and Transmission Planning, see 2.2. Scenarios and Sensitivities and 2.2.1 Comments of the Parties, pp. 12–14 🔗 Final Decision: 2019-2020 IRP Fact Sheet 🔗 Edison Electric Institute ESG Initiative Quantitative Section – Southern California Edison Specific
	c) Describe the targets used by the organization to manage climate-related risks and opportunities and performance against targets.	Sustainability Goals related to Climate Change & GHG Emissions and Transportation Electrification, pp.12–15
	Estimated Scope 3 emissions, including methodologies and emission factors used.	Scope 1, 2 and 3 Emissions, p. 34 Appendix: Sustainability Scorecard, p. 78

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GRI INDEX

This is Edison International's fifth year referencing the Global Reporting Initiative (GRI) Standards and first year aligning our reporting to the GRI Standards Core option. Data included in this disclosure may differ from data otherwise included in the report or other disclosures in order to conform to GRI reporting requirements.

GRI STANDARD	GRI DISCLOSURE	LOCATION AND NOTES
GRI 102: GENERAL DISCLOSURES 2016		
102-1	Name of the organization	Company Overview, p. 8
102-2	Activities, brands, products, and services	Company Overview, p. 8
		⧉ 2019 Edison International Form 10-K: Business, pp. 128–134
		⧉ Edison International and Southern California Edison 2019 Financial & Statistical Report, Corporate Structure, p. 1
102-3	Location of headquarters	Company Overview, p. 8
		⧉ 2019 Edison International Form 10-K: Business, p. 128
102-4	Location of operations	⧉ 2019 Edison International Form 10-K: Management's Discussion and Analysis of Financial Condition and Results of Operations, p. 3
102-5	Ownership and legal form	⧉ 2019 Edison International Form 10-K: Management's Discussion and Analysis of Financial Condition and Results of Operations, p. 3
102-6	Markets served	⧉ 2019 Edison International Form 10-K: Business, p. 128
102-7	Scale of the organization	⧉ 2019 Edison International Form 10-K: Business, pp. 128–134
102-8	Information on employees and other workers	Diversity and Inclusion, pp. 61–63
		Appendix: Sustainability Scorecard, p. 78
		⧉ 2019 Edison International Form 10-K: Business, p. 129
102-9	Supply chain	Our Supply Chain, p. 41
		Supplier Diversity p. 54
		⧉ 2019 Edison International Form 10-K: Business, pp. 128–134
102-10	Significant changes to the organization and its supply chain	⧉ 2019 Edison International Form 10-K: Management Overview, pp. 3–12
102-11	Precautionary Principle or approach	We do not apply this principle formally across all of our risk management decisions, but it informs our thinking about sustainability issues and risk management.
102-12	External initiatives	Introduction, p. 6
		Accelerating a Clean Energy Future, pp. 17–31
		Supporting Our Communities pp. 50–57

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GRI INDEX

GRI STANDARD	GRI DISCLOSURE	LOCATION AND NOTES
102-13	Membership of associations	Our Vision, pp. 18–20
		Our Supply Chain, p. 41
		Community Resilience, p. 51
		Community Investments p. 56
		Diversity and Inclusion, pp. 61–63
STRATEGY		
102-14	Statement from senior decision-maker	Chief Executive Officer's Letter, p. 7
102-15	Key impacts, risks, and opportunities	Chief Executive Officer's Letter, p. 7
		Sustainability Overview, pp. 10–11
		Our Vision, Climate Change Adaptation, p. 19
		COVID-19 Response, pp. 3–5
		⧉ 2019 Edison International Form 10-K. Risks, pp. 38–44
ETHICS AND INTEGRITY		
102-16	Values, principles, standards, and norms of behavior	Chief Executive Officer's Letter, p. 7
		Company Overview, Our Values, p. 9
		Ethics and Compliance p. 71
		⧉ Edison International and Southern California Edison Ethics and Compliance Code for Directors
		⧉ Edison International Employee Code of Conduct
		⧉ Edison International Supplier Code of Conduct
102-17	Mechanisms for advice and concerns about ethics	Ethics and Compliance, p. 71
		⧉ Edison International and Southern California Edison Ethics and Compliance Code for Directors
		⧉ Edison International Employee Code of Conduct
		⧉ Edison International Supplier Code of Conduct
		⧉ Edison HelpLine
GOVERNANCE		
102-18	Governance structure	Corporate Governance, p. 68
		Sustainability Overview pp. 10–11
		⧉ Edison International & Southern California Edison 2020 Joint Proxy Statement, pp. 4–26

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GRI INDEX

GRI STANDARD	GRI DISCLOSURE	LOCATION AND NOTES
102-21	Consulting stakeholders on economic, environmental, and social topics	Our Vision, Public Policy Engagement, p. 20 Stakeholder Engagement p. 52 Community Investments, p. 56 Corporate Governance, p. 68 Political Contributions, p. 73 ⧉ Edison International & Southern California Edison 2020 Joint Proxy Statement, p. 15
102-22	Composition of the highest governance body and its committees	⧉ Edison International & Southern California Edison 2020 Joint Proxy Statement, pp. 4–26
102-23	Chair of the highest governance body	⧉ Edison International & Southern California Edison 2020 Joint Proxy Statement, pp. 4–26
102-24	Nominating and selecting the highest governance body	⧉ Edison International & Southern California Edison 2020 Joint Proxy Statement, pp. 4–26
102-25	Conflicts of interest	⧉ Edison International Employee Code of Conduct ⧉ Edison International Supplier Code of Conduct ⧉ Edison International and Southern California Edison Ethics and Compliance Code for Directors
102-29	Identifying and managing economic, environmental, and social impacts	Sustainability Overview, pp. 10–11 ⧉ Edison International & Southern California Edison 2020 Joint Proxy Statement, pp. 23–24
102-30	Effectiveness of risk management processes	Risk Management, p. 72 ⧉ Edison International & Southern California Edison 2020 Joint Proxy Statement, p. 24
102-33	Communicating critical concerns	⧉ Contact Our Board of Directors
102-35	Remuneration policies	⧉ Edison International & Southern California Edison 2020 Joint Proxy Statement, pp. 27–31
102-36	Process for determining remuneration	⧉ Edison International & Southern California Edison 2020 Joint Proxy Statement, pp. 27–31

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GRI INDEX

GRI STANDARD	GRI DISCLOSURE	LOCATION AND NOTES
STAKEHOLDER ENGAGEMENT		
102-40	List of stakeholder groups	Our Vision, Public Policy Engagement, p. 20 Customer Choice, p. 29 Our Supply Chain p.41 Stakeholder Engagement, p. 52 Supplier Diversity p. 54 Community Investments, p. 56 Corporate Governance, p. 68 Political Contributions, p. 73 ⧉ Edison International & Southern California Edison 2020 Joint Proxy Statement, p. 15
102-41	Collective bargaining agreements	Employee Engagement, Union Partnerships, p. 65 ⧉ 2019 Edison International Form 10-K: Item 1. Business, p. 129
102-42	Identifying and selecting stakeholders	Stakeholder Engagement, p. 52
102-43	Approach to stakeholder engagement	Sustainability Overview, pp. 10–11 Our Vision, Public Policy Engagement, p. 20 Environmental Stewardship, pp. 33–34 Our Supply Chain, p. 41 Customer Experience, p. 49 Community Resilience, p. 51 Stakeholder Engagement, p. 52 Employee Engagement, pp. 64–67 Corporate Governance, Shareholder Engagement, p. 68

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GRI INDEX

GRI STANDARD	GRI DISCLOSURE	LOCATION AND NOTES
102-44	Key topics and concerns raised	COVID-19 Response, pp. 3–5
		Sustainability Overview, pp. 10–11
		Our Vision, Public Policy Engagement, p. 20
		Environmental Stewardship, p. 33
		Our Supply Chain, p. 41
		Customer Experience, p. 49
		Community Resilience, p. 51
		Stakeholder Engagement, p. 52
		Employee Engagement, pp. 64–67
		Corporate Governance, Shareholder Engagement, p. 68

REPORTING PRACTICE

GRI STANDARD	GRI DISCLOSURE	LOCATION AND NOTES
102-45	Entities included in the consolidated financial statements	2019 Edison International Form 10-K: Notes to Consolidated Financial Statements, p. 62
102-46	Defining report content and topic Boundaries	We developed the content for this report based on the requirements of the GRI principles for defining report content, including sustainability context, materiality, completeness and stakeholder inclusiveness.
		Appendix: GRI Index, p. 90
		Sustainability Overview, Our Material ESG Issues, p. 10
102-47	List of material topics	Sustainability Overview, Our Material ESG Issues, p. 10
102-48	Restatements of information	Restatements are noted in Sustainability Scorecard (pp. 78–80)
102-49	Changes in reporting	About This Report, p. 6
102-50	Reporting period	About This Report, p. 6
102-51	Date of most recent report	We published our 2018 Sustainability Report in May 2019.
102-52	Reporting cycle	About This Report, p. 6
102-53	Contact point for questions regarding the report	About This Report, p. 6
102-54	Claims of reporting in accordance with the GRI Standards	About This Report, p. 6
102-55	GRI content index	Appendix: GRI Index, p. 90

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GRI INDEX

GRI STANDARD	GRI DISCLOSURE	LOCATION AND NOTES
102-56	External assurance	SCE's utility-owned generation is subject to the Cap-and-Trade Program under the California Air Resources Board (CARB) (AB32), the Global Warming Solutions Act of 2006), wherein the entity must report data and go through a rigid verification process if it exceeds the reporting threshold. SCE's largest natural gas asset, Mountainview Generating Station, is SCE's only asset that exceeds the reporting threshold. SCE seeks external assurance for Mountainview Generating Station's greenhouse gas emissions (GHG) inventory by using a third-party CARB-accredited verification body to independently verify data reports and provide a positive verification statement. This data is an input into certain GHG emissions metrics included herein. SCE did not seek external assurance for the remainder of this report.
GRI 201: ECONOMIC PERFORMANCE 2016		
103-1	Explanation of the material topic and its Boundary	⧉ Definitions of Material ESG Issues Our Material ESG Issues, p. 10 Sustainability Overview, pp. 10–11
103-2	The management approach and its components	⧉ 2019 Edison International Form 10-K. Management's Discussion and Analysis of Financial Condition and Results of Operations, pp. 3–12 Sustainability Overview, pp. 10–11 Corporate Governance, p. 68
103-3	Evaluation of the management approach	⧉ 2019 Edison International Form 10-K, pp. 22–23
201-1	Direct economic value generated and distributed	⧉ 2019 Edison International and Southern California Edison Annual Report, 2019 Financial Highlights ⧉ 2019 Edison International Form 10-K. 2019 Results of Operations, pp. 13–16
201-2	Financial implications and other risks and opportunities due to climate change	⧉ 2019 Edison International Form 10-K. Risk Factors, pp. 40–43, Electricity Industry Trends, p. 11, Environmental Considerations, p. 135 Sustainability Overview, pp. 10–11 Climate-Related Adaptation, p. 18
201-3	Defined benefit plan obligations and other retirement plans	⧉ 2019 Edison International Form 10-K. Note 9. Compensation and Benefit Plans ⧉ Edison International & Southern California Edison 2020 Joint Proxy Statement, pp. 35–55
GRI 203: INDIRECT ECONOMIC IMPACTS 2016		
103-1	Explanation of the material topic and its Boundary	⧉ Definitions of Material ESG Issues Our Material ESG Issues, p. 10 Sustainability Overview, pp. 10–11

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GRI INDEX

GRI STANDARD	GRI DISCLOSURE	LOCATION AND NOTES
103-2	The management approach and its components	⧉ 2019 Edison International Form 10-K Management's Discussion and Analysis of Financial Condition and Results of Operations, pp. 3–12
		Sustainability Overview, pp. 10–11
		Community Resilience, p. 51
		Corporate Governance, p. 68
103-3	Evaluation of the management approach	Risk Management, p. 72
		⧉ Edison International & Southern California Edison 2020 Joint Proxy Statement, Board and Committee Evaluation Process, p. 18
203-1	Infrastructure investments and services supported	Efficient Electrification, pp. 23–26
		Grid of the Future, pp. 27–28
		Community Resilience, p. 51
		Community Investments, p. 56
203-2	Significant indirect economic impacts	Our Operations, pp. 35–38
		Public Safety, pp. 43–45
GRI 302: ENERGY 2016		
103-1	Explanation of the material topic and its Boundary	⧉ Definitions of Material ESG Issues
		Our Material ESG Issues, p. 10
		Sustainability Overview, pp. 10–11
103-2	The management approach and its components	Our Facilities, p. 40
103-3	Evaluation of the management approach	Our Facilities, p. 40
302-3	Energy intensity	117,721.95 Btu/SF Energy Intensity represents 2019 energy consumption of metered facilities

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GRI INDEX

GRI STANDARD	GRI DISCLOSURE	LOCATION AND NOTES
GRI 303: WATER 2016		
103-1	Explanation of the material topic and its Boundary	SCE is addressing current and evolving water management risks through its environmental management system and a published standard for water systems to ensure management of groundwater rights in accordance with California's Sustainable Groundwater Management Act (SGMA). The SGMA provides the state a framework to manage its groundwater resources, and as basins in California are adjudicated, SCE determines its legal entitlement to authorize water rights for the applicable groundwater basins within SCE service area. Accordingly, SCE collects and submits pumping reporting records to the state and local groundwater management agencies. The applicable agencies include the State Water Resources Control Board (SWRCB), state Division of Drinking Water (DDW), state Department of Water Resources (DWR), and local watermasters established under the SGMA. ☑ Definitions of Material ESG Issues Our Material ESG Issues, p. 10 Sustainability Overview, pp. 10–11 ☑ 2019 Edison International and Southern California Edison Annual Report. Climate Change Objectives and Pathway 2045, pp. 4–5 ☑ Edison International & Southern California Edison 2020 Joint Proxy Statement, pp. 2–3
103-2	The management approach and its components	
103-3	Evaluation of the management approach	
303-1	Water withdrawal by source	We report water data following industry standard recommendations developed by the Edison Electric Institute. ☑ Edison Electric Institute ESG Initiative Quantitative Section - Southern California Edison-Specific, p. 4 Our Operations, Improved Water Efficiency, p. 36
GRI 304: BIODIVERSITY 2016		
103-1	Explanation of the material topic and its Boundary	☑ Definitions of Material ESG Issues Our Material ESG Issues, p. 10 Sustainability Overview, pp. 10–11
103-2	The management approach and its components	Sustainability Overview, p. 11 ☑ Our Operations, pp. 34–37 Corporate Governance, p. 68
103-3	Evaluation of the management approach	☑ Edison International & Southern California Edison 2020 Joint Proxy Statement, Board and Committee Evaluation Process, p. 18
304-3	Habitats protected or restored	Appendix: Sustainability Scorecard, p. 78 Our Operations, pp. 35–38

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GRI STANDARD	GRI DISCLOSURE	LOCATION AND NOTES
GRI 305: EMISSIONS 2016		
103-1	Explanation of the material topic and its Boundary	☑ Definitions of Material ESG Issues Our Material ESG Issues, p. 10 Sustainability Overview, pp. 10–11
103-2	The management approach and its components	Sustainability Overview, pp. 10–11 Our Vision, pp. 18–20 Clean Energy, pp. 21–22 ☑ Edison International & Southern California Edison 2020 Joint Proxy Statement, Our Commitment to Sustainability, pp. 2–3 ☑ 2019 Edison International Form 10-K. Electricity Industry Trends, p. 11, Environmental Considerations, pp. 135–136 Chief Executive Officer's letter, p. 7
103-3	Evaluation of the management approach	☑ Edison International & Southern California Edison 2020 Joint Proxy Statement, p. 18 and 25–26
305-1	Direct (Scope 1) GHG emissions	Edison's Scope 1 direct air emissions comprise of mandatory compliance reports submitted to agencies. In addition, Edison's Title V sites are subject to GHG reporting under the US EPA (40 CFR Part 98, Mandatory Greenhouse Gas Reporting) and California Air Resources Board (CARB) (AB32, the Global Warming Solutions Act of 2006). Under California's AB 32 Regulation for the Mandatory Reporting of Greenhouse Gas Emissions (MRR), facilities subject to the Cap-and-Trade Program (>25,000 MT CO_2e/yr) must report data and go through a rigid verification process to be independently verified by the CARB-accredited verification bodies and verifiers. SCE has seven Title V facilities, including one that exceeds 25,000 MT CO_2e/yr (Mountainview Generating Station). Appendix: Sustainability Scorecard, p. 78 ☑ Edison Electric Institute ESG Initiative Quantitative Section – Southern California Edison-Specific, p. 3
305-2	Energy indirect (Scope 2) GHG emissions	Appendix: Sustainability Scorecard, p. 78 ☑ Edison Electric Institute ESG Initiative Quantitative Section – Southern California Edison-Specific, p. 3
305-3	Other indirect (Scope 3) GHG emissions	Appendix: Sustainability Scorecard, p. 78 ☑ Edison Electric Institute ESG Initiative Quantitative Section – Southern California Edison-Specific, p. 3
305-4	GHG emissions intensity	☑ Edison Electric Institute ESG Initiative Quantitative Section – Southern California Edison-Specific, p. 3

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GRI STANDARD	GRI DISCLOSURE	LOCATION AND NOTES
305-5	Reduction of GHG emissions	Appendix: Sustainability Scorecard, p. 78
		☑ Edison Electric Institute ESG Initiative Quantitative Section – Southern California Edison-Specific, p. 3
		Our Sustainability Goals, pp. 12–13
		Our Vision, pp. 18–20
		Clean Energy, pp. 21–22
305-7	Nitrogen oxides (NOx), sulfur oxides (SOx), and other significant air emissions	Appendix: Sustainability Scorecard, p. 78
		☑ Edison Electric Institute ESG Initiative Quantitative Section – Southern California Edison-Specific, p. 4
GRI 306: EFFLUENTS AND WASTE 2016		
103-1	Explanation of the material topic and its Boundary	☑ Definitions of Material ESG Issues
		Our Material ESG Issues, p. 10
		Sustainability Overview, pp. 10–11
103-2	The management approach and its components	Sustainability Overview, pp. 10–11
		Our Operations, pp. 35–38
		☑ Edison International & Southern California Edison 2020 Joint Proxy Statement, pp. 2–3

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GRI INDEX

GRI STANDARD	GRI DISCLOSURE	LOCATION AND NOTES
103-3	Evaluation of the management approach	SCE has a substantial environmental management system with standards, manuals, and project-specific requirements for managing water runoff and discharges, spill management and waste management.
		We have four types of potential discharges: we are governed by the State Water Board under a National Pollutant Discharge Elimination System (NPDES) permit for discharges from utility vaults and underground structures; we manage a facility storm water program with best management practices to manage potential pollutants in storm water runoff; we operate under the Construction General Permit for stormwater management for our construction projects; and we develop Spill Prevention, Control and Countermeasure plans to prevent or control the release of oil from our facilities in the event of a spill. In order to monitor effectiveness of our programs, monthly inspections and annual field assessments are conducted. In addition, we benchmark with other companies covered under the utility vault discharges permit, where we demonstrate consistently high performance.
		From our day-to-day operations and project work, SCE generates non-hazardous, hazardous, electronic and universal waste. All waste that is generated is managed for reuse, recycle or disposal in accordance with all federal, state and local laws and regulations, as determined by the United States Environmental Protection Agency, California Environmental Protection Agency and the Department of Toxic Substances Control. SCE maintains an asset recovery program that strives to ensure materials are repurposed, if possible, or managed to recover recyclable materials. Specific electronic items, such as computers, are offered to third-party vendors to be repurposed when possible or managed for recycle. The 2019 quantities of these wastes are found in the Sustainability Scorecard at the beginning of the report.
		The hazardous waste program evaluates the effectiveness of its environmental management systems by utilizing formal program assessments and internal audits that are performed by SCE's Audit Department. The program assessment includes a review of all written documents, including standards, manuals and required records in conjunction with facility visits to evaluate the implementation of the programs in the field. The Audit Department also conducts audits of all environmental programs based on its own internal schedule. It ensures that the criteria of the environmental programs are correctly being implemented and meet all applicable regulatory requirements and industry best management practices that SCE has chosen to implement.
306-2	Waste by type and disposal method	Appendix: Data Tables, p. 106
306-3	Significant spills	Zero spills financially material in 2019
306-4	Transport of hazardous waste	Appendix: Data Tables, p. 106
GRI 307: ENVIRONMENTAL COMPLIANCE 2016		
103-1	Explanation of the material topic and its Boundary	🔗 Definitions of Material ESG Issues Our Material ESG Issues, p. 10 Sustainability Overview, pp. 10–11

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GRI INDEX

GRI STANDARD	GRI DISCLOSURE	LOCATION AND NOTES
103-2	The management approach and its components	Sustainability Overview, pp. 10–11
		Environmental Stewardship, pp. 33–34
		2019 Edison International Form 10-K. Electricity Industry Trends, p. 11, Environmental Considerations, pp. 135–136
103-3	Evaluation of the management approach	Edison International & Southern California Edison 2020 Joint Proxy Statement, p. 18 and 25–26
307-1	Non-compliance with environmental laws and regulations	Appendix: Sustainability Scorecard, p. 78
GRI 401: EMPLOYMENT 2016		
103-1	Explanation of the material topic and its Boundary	Definitions of Material ESG Issues
		Our Material ESG Issues, p. 10
		Sustainability Overview, pp. 10–11
103-2	The management approach and its components	We conduct annual employee engagement surveys to collect employee feedback.
		Sustainability Overview, pp. 10–11
		Edison International & Southern California Edison 2019 Joint Proxy Statement, pp. 30–50
		Employee Engagement, pp. 64–66
103-3	Evaluation of the management approach	Corporate Governance, p. 68
		Edison International & Southern California Edison 2020 Joint Proxy Statement, p. 18 and 25–26
401-2	Benefits provided to full-time employees that are not provided to temporary or part-time employees	Diversity and Inclusion, Support for Employee Needs, p. 62
		Edison Careers Website, Benefits Overview
401-3	Parental leave	402 employees took parental leave in 2019 (108 female and 294 male) and the same number returned to work. 398 employees were still employed 12 months after their return to work (104 females or 96% and 294 males or 100%). Four females voluntarily separated from the company.
GRI 402: LABOR/MANAGEMENT RELATIONS 2016		
103-1	Explanation of the material topic and its boundary	Definition of Material ESG Issues
		Our Material ESG Issues, p. 10
		Sustainability Overview, pp. 10–11
103-2	The management approach and its components	Sustainability Overview, pp. 10–11
		Employee Engagement, pp. 64–66
103-3	Evaluation of the management approach	Corporate Governance, p. 68
		Edison International & Southern California Edison 2020 Joint Proxy Statement, p. 18 and 25–26

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GRI INDEX

GRI STANDARD	GRI DISCLOSURE	LOCATION AND NOTES
402-1	Minimum notice periods regarding operational changes	We typically provide 60 days' advanced notice for any substantive changes that may require bargaining. This is based on the National Labor Relations Act and legal precedent set and past interactions with our unions.

GRI 403: OCCUPATIONAL HEALTH AND SAFETY 2016

GRI STANDARD	GRI DISCLOSURE	LOCATION AND NOTES
103-1	Explanation of the material topic and its Boundary	⧉ Definitions of Material ESG Issues Our Material ESG Issues, p. 10 Sustainability Overview, pp. 10–11
103-2	The management approach and its components	Sustainability Overview, pp. 10–11 Employee and Contractor Safety, pp. 59–60 Diversity and Inclusion, Wellness Ambassadors, pp. 61–63
103-3	Evaluation of the management approach	⧉ Safety Corporate Governance, p. 68 ⧉ Edison International & Southern California Edison 2020 Joint Proxy Statement, p. 18 and 25–26
403-2	Types of injury and rates of injury, occupational diseases, lost days, and absenteeism, and number of work-related fatalities	Appendix: Sustainability Scorecard, p. 78 Employee and Contractor Safety, pp. 59–60 Injury rate (IR), occupational disease rate (ODR), lost day rate (LDR) and absentee rate (AR) breakdown by region and gender is confidential. Appendix: Data Tables p. 107

GRI 404: TRAINING AND EDUCATION 2016

GRI STANDARD	GRI DISCLOSURE	LOCATION AND NOTES
103-1	Explanation of the material topic and its Boundary	⧉ Definitions of Material ESG Issues Our Material ESG Issues, p. 10 Sustainability Overview, pp. 10–11
103-2	The management approach and its components	Sustainability Overview, pp. 10–11 Employee Engagement, pp. 64–66 ⧉ Edison International Employee Code of Conduct
103-3	Evaluation of the management approach	Corporate Governance, p. 68 ⧉ Edison International & Southern California Edison 2020 Joint Proxy Statement, p. 18, 22 and 25–26
404-3	Percentage of employees receiving regular performance and career development reviews	All full-time non-represented employees receive regular performance reviews. 69% of Edison's full-time employees are non-represented. Performance reviews for represented employees depend on their collective agreement.

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GRI INDEX

GRI STANDARD	GRI DISCLOSURE	LOCATION AND NOTES
GRI 405: DIVERSITY AND EQUAL OPPORTUNITY 2016		
103-1	Explanation of the material topic and its Boundary	⧉ Definitions of Material ESG Issues Our Material ESG Issues, p. 10 Sustainability Overview, pp. 10–11
103-2	The management approach and its components	Sustainability Overview, pp. 10–11 Diversity and Inclusion, pp. 61–63 Corporate Governance, Board Diversity, p. 68 ⧉ Edison International Employee Code of Conduct, p. 6 ⧉ Diversity and Inclusion
103-3	Evaluation of the management approach	Corporate Governance, p. 68 ⧉ Edison International & Southern California Edison 2020 Joint Proxy Statement, p. 3, 17, and 25–26
405-1	Diversity of governance bodies and employees	Appendix: Sustainability Scorecard, pp. 79–80 Diversity and Inclusion, pp. 61–63 Corporate Governance, Board Diversity, p. 68 ⧉ Edison International & Southern California Edison 2020 Joint Proxy Statement, p. 5 Appendix: Data Tables p. 108
GRI 406: NON-DISCRIMINATION 2016		
103-1	Explanation of the material topic and its Boundary	⧉ Definitions of Material ESG Issues Our Material ESG Issues, p. 10 Sustainability Overview, pp. 10–11
103-2	The management approach and its components	Sustainability Overview, pp. 10–11 Diversity and Inclusion, pp. 61–63 Corporate Governance, Board Diversity, p. 68 ⧉ Edison International Employee Code of Conduct, p. 6 ⧉ Diversity and Inclusion
103-3	Evaluation of the management approach	Corporate Governance, p. 67 ⧉ Edison International & Southern California Edison 2020 Joint Proxy Statement, p. 3, 17, and 25–26 ⧉ Employee Code of Conduct, p. 6

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GRI INDEX

GRI STANDARD	GRI DISCLOSURE	LOCATION AND NOTES
406-1	Incidents of discrimination and corrective actions taken	We do not report this information because it is confidential.
GRI 407: FREEDOM OF ASSOCIATION AND COLLECTIVE BARGAINING 2016		
103-1	Explanation of the material topic and its Boundary	Collective bargaining normally occurs prior to the expiration of current Collective Bargaining Agreements (CBAs) and negotiations include the broad primary topics of wages, hours, working conditions and benefits. Negotiations are between the union's bargaining team (representing the covered employees) and the company's bargaining team (representing the company). Responsibility for the negotiation strategy and process lies with SCE Labor Relations and Senior Leadership of specific organizations covered by the CBA and SCE Senior Leadership. We adhere to the mandated guidelines by the National Labor Relations Act (NLRA) as governed by the National Labor Relations Board (NLRB).
103-2	The management approach and its components	
103-3	Evaluation of the management approach	
		Additionally, we abide by the governing act, NLRA as governed by the NLRB, in regards to employees and organizing, a component of which is stated here: "Employees shall have the right to self-organization, to form, join or assist labor organizations, to bargain collectively through representatives of their own choosing, and to engage in other concerted activities… and shall also have the right to refrain from any or all such activities." We do not have policies prohibiting such.
		⧉ Definitions of Material ESG Issues
		Our Material ESG Issues, p. 10
		Sustainability Overview, pp. 10–11
		Employee Engagement, pp. 64–66
		Corporate Governance, p. 68
		⧉ Edison International & Southern California Edison 2020 Joint Proxy Statement, p. 18 and 25–26
407-1	Operations and suppliers in which the right to freedom of association and collective bargaining may be at risk	We have a long-standing relationship with the unions on-site. This includes the IBEW Local 47 and UWUA Local 246. Both unions hold certifications for the work performed by their members. Moreover, we do not prohibit our non-represented employees the right to self-organization, to form, join or assist labor organizations, to bargain collectively through representatives of their own choosing, and to engage in other concerted activities for the purposes of collective bargaining or other mutual aid.

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GRI INDEX

GRI STANDARD	GRI DISCLOSURE	LOCATION AND NOTES
GRI 413: LOCAL COMMUNITIES 2016		
103-1	Explanation of the material topic and its Boundary	⬈ Definitions of Material ESG Issues Our Material ESG Issues, p. 10 Sustainability Overview, pp. 10–11
103-2	The management approach and its components	Community Resilience, p. 51 ⬈ Employee Code of Conduct, p. 6
103-3	Evaluation of the management approach	Corporate Governance, p. 68 ⬈ Edison International & Southern California Edison 2020 Joint Proxy Statement, , p. i-ii, 18, 25–26
413-1	Operations with local community engagement, impact assessments, and development programs	Community Resilience, p. 51 Stakeholder Engagement, p. 52
413-2	Operations with significant actual and potential negative impacts on local communities	Our Operations, p. 35 Public Safety, pp. 43–45 ⬈ Decommissioning San Onofre & Doing the Right Thing for the Community
GRI 415: PUBLIC POLICY 2016		
103-1	Explanation of the material topic and its Boundary	⬈ Definitions of Material ESG Issues Our Material ESG Issues, p. 10 Sustainability Overview, pp. 10–11
103-2	The management approach and its components	Our Vision, Public Policy Engagement, p. 20 ⬈ Edison International Political Contribution Policy
103-3	Evaluation of the management approach	Our Vision, Public Policy Engagement, p. 20 Corporate Governance, p. 68 ⬈ Edison International & Southern California Edison 2020 Joint Proxy Statement, pp. 20–26
415-1	Political contributions	⬈ Corporate Governance, Political Contributions
GRI 418: CUSTOMER PRIVACY 2016		
103-1	Explanation of the material topic and its Boundary	⬈ Definitions of Material ESG Issues Our Material ESG Issues, p. 10 Sustainability Overview, pp. 10–11

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GRI INDEX

GRI STANDARD	GRI DISCLOSURE	LOCATION AND NOTES
103-2	The management approach and its components	Cyber and Physical Security, pp. 69–71
		↗ Edison International & Southern California Edison 2020 Joint Proxy Statement, p. 25
103-3	Evaluation of the management approach	↗ Edison International & Southern California Edison 2020 Joint Proxy Statement, p. 25
418-1	Substantiated complaints concerning breaches of customer privacy and losses of customer data	We have not received any substantiated complaints of breaches of customer privacy.
		↗ Cyber & Physical Security
		Cyber and Physical Security, pp. 69–71

ELECTRIC UTILITY SECTOR SUPPLEMENT

SECTOR SPECIFIC GENERAL DISCLOSURES

EU1	Installed capacity, broken down by primary energy source and by regulatory scheme	↗ Edison International and Southern California Edison 2019 Financial and Statistical Report, SCE Operating Statistics, p. 16
EU3	Number of residential, industrial, institutional and commercial customer accounts	↗ Edison International and Southern California Edison 2019 Financial and Statistical Report, SCE Customers, p. 13
EU4	Length of above and underground transmission lines by regulatory scheme	Company Overview, p. 8

SECTOR SPECIFIC ECONOMIC DISCLOSURES

Management Approach	Demand-side management programs including residential, commercial, institutional and industrial programs (former EU7)	Customer Choice, pp. 29–31
		Affordability, p. 48

SECTOR SPECIFIC PRODUCT RESPONSIBILITY DISCLOSURES

Management Approach	Programs, including those in partnership with government, to improve or maintain access to electricity and customer support services (former EU23)	Customer Choice, pp. 29–31
		Affordability, p. 48
EU28	Power outage frequency	Appendix: Sustainability Scorecard, p. 79
		Reliability, pp. 46–47
EU29	Average power outage duration	Appendix: Sustainability Scorecard, p. 79
		Reliability, pp. 46–47

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DATA TABLES

306-2
Waste by type and disposal method

Total weight of hazardous waste,[1] with breakdown by disposal method	Tons
i. Reuse	0
ii. Recycling	63.91
iii. Composting	0
iv. Recovery	0
v. Incineration	23.59
vi. Deep well injection	0
vii. Landfill	303.86
viii. On-site storage	0
ix. Other Waste Water Treatment	0.02
Total	**391.37**

Total weight of non-hazardous waste,[3] with breakdown by disposal method	Tons
i. Reuse	0
ii. Recycling	2,741.07
iii. Composting	0
iv. Recovery	0
v. Incineration	0
vi. Deep well injection	0
vii. Landfill	4,446.89
viii. On-site storage	0
ix. Other Waste Water Treatment	0
Total	**7,187.96**

306-4
Transport of hazardous waste[2]

Total weight for each of the following	Tons
i. Hazardous waste transported*	391.37
ii. Hazardous waste imported	0
iii. Hazardous waste exported	0
iv. Hazardous waste treated	0

Percentage of hazardous waste shipped internationally: 0

Standards, methodologies, and assumptions used:

Weight based upon manifested weight and standard conversions adopted by the California Environmental Protection Agency.

Note:

* The total amount transported is the amount of hazardous waste shipped off-site from SCE to a Treatment, Storage, and Disposal Facility. The amount is equal to the total amount disposed in Disclosure 306-2.

1   Hazardous waste defined by national legislation (Federal RCRA). Federal RCRA hazardous waste does not include California regulated Non-RCRA hazardous waste, utility wood waste or universal waste. This total includes SONGS.
2   Non-hazardous waste is defined as not regulated by California or Federally. The total does not include California regulated non-RCRA hazardous waste, utility wood waste, or universal waste. SCE's Hazardous Waste Program does not capture all non-hazardous disposal for the organization. There is other non-hazardous waste that is managed by contractors outside of the program and there are other projects such as engineering, procurement, and contruction (EPC) projects where contractors are permitted to manage SCE non-hazardous wastes. SONGS is not included in this metric.
3   Hazardous waste defined by national legislation (Federal RCRA). Federal RCRA hazardous waste does not include California regulated Non-RCRA hazardous waste, utility wood waste, or universal waste.

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DATA TABLES

403-2
Types of injury

Injury description	2019 OSHA Count/ Total Recordable Incident Count	2019 OSHA/ Total Recordable Incident % of Total
Sprain/Strain	149	50%
Repetitive Motion	32	11%
Open Wound	28	9%
Contusion	26	9%
Dermatitis	23	8%
Fracture	10	3%
Internal Injury	10	3%
Sensory	7	2%
Multiple Injuries	6	2%
Foreign Object	4	1%
Chipped/Cracked Tooth	2	1%
Illness	2	1%
Burns	1	0%
Crushing	1	0%
Grand Total	**301**	**100%**

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DATA TABLES

405-1
Diversity of governance bodies and employees

Board of Directors by Age Range

Age range	Number
Under 30	0
30–50	0
Over 50	11

All Employees by Age Range

	Year End Headcount	Percentage
Under 30	959	7%
30–50	7,606	59%
Over 50	4,372	34%
Grand Total	**12,937**	**100%**

External Hires by Age Range

	# of External Hires	Percentage	External Hire Rate
Under 30	306	32%	2%
30–50	560	59%	4%
Over 50	77	8%	1%
Grand Total	**943**	**100%**	**7%**

Voluntary Separations by Age Range

	# of Voluntary Separations	Percentage	Voluntary Separation Rate
Under 30	51	10%	0%
30–50	208	40%	2%
Over 50	259	50%	2%
Grand Total	**518**	**100%**	**4%**

All Employees by Gender

	Year End Headcount	Percentage
Female	4,027	31%
Male	8,910	69%
Grand Total	**12,937**	**100%**

External Hires by Gender

	# of External Hires	Percentage	External Hire Rate
Female	358	38%	3%
Male	585	62%	5%
Grand Total	**943**	**100%**	**8%**

Voluntary Separations by Gender

	# of Voluntary Separations	Percentage	Voluntary Separation Rate
Female	167	32%	1%
Male	351	68%	3%
Grand Total	**518**	**100%**	**4%**

Voluntary separations includes retirements.
External hires and voluntary separations do not include Edison Energy.

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CONTRIBUTING TO THE UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS

WHAT ARE THE SDGS?

In 2015, the United Nations (U.N.) launched the Sustainable Development Goals (SDGs), designed to focus global efforts in 17 key areas to help bring peace and prosperity to people and the planet. These goals, and the 169 corresponding targets, form a new sustainable development agenda aimed at ending poverty and protecting the planet, and complement our own sustainability goals.

OUR PRIORITIES

This is Edison International's first year reporting on our contributions to the U.N. SDGs.

Our major focus areas given our core business and clean energy strategy are SDG 7 and SDG 13, and we include disclosures herein related to these priorities. We make contributions across a broader set of SDGs, however, including, but not limited to, specific targets associated with SDGs 5, 8, 9 and 11.

1 NO POVERTY	2 ZERO HUNGER	3 GOOD HEALTH AND WELL-BEING	4 QUALITY EDUCATION	5 GENDER EQUALITY
6 CLEAN WATER AND SANITATION	7 AFFORDABLE AND CLEAN ENERGY	8 DECENT WORK AND ECONOMIC GROWTH	9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	10 REDUCED INEQUALITIES
11 SUSTAINABLE CITIES AND COMMUNITIES	12 RESPONSIBLE CONSUMPTION AND PRODUCTION	13 CLIMATE ACTION	14 LIFE BELOW WATER	15 LIFE ON LAND
16 PEACE, JUSTICE AND STRONG INSTITUTIONS	17 PARTNERSHIPS FOR THE GOALS			

Find out more about the U.N. SDGs.

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CONTRIBUTING TO THE UN SUSTAINABLE DEVELOPMENT GOALS

7 AFFORDABLE AND CLEAN ENERGY

MAJOR FOCUS:
AFFORDABLE AND CLEAN ENERGY

Ensure access to affordable, reliable, sustainable and modern energy for all

WHY IS THIS A PRIORITY?	HOW WE'RE CONTRIBUTING	MORE INFORMATION

WHY IS THIS A PRIORITY?

Our vision is to lead the transformation of the electric power industry toward a clean energy future. SCE is committed to delivering 100% carbon-free power by 2045 in accordance with California law. We are also investing in and partnering across a multi-stakeholder landscape to advance electrification across the economy, which our analysis and that of others shows to be among the most cost-effective ways to reach economy-wide GHG emissions reduction targets.

HOW WE'RE CONTRIBUTING

SDG Target 7.1: By 2030, ensure universal access to affordable, reliable and modern energy services
- SCE is proposing to invest more than $5 billion each year to create the grid that will enable a clean energy future
- SCE has the lowest system average rate of the three California investor-owned utilities due to concerted focus on keeping operations and maintenance costs low
- SCE offers reduced energy bill programs to income-qualified customers, which make up nearly 40% of SCE customers
- SCE is focused on meeting our customer needs as they evolve and are investing in digital tools and technologies to do just that
- SCE's Reliability Roadmap, a three-year progress plan developed in 2017, is making lasting changes in four focus areas: performance management, work practices, engineering and technology
- SCE has increased outage tracking capabilities, helping our customers be better informed of outage instances, causes and estimated time of restoration
- Through SCE's digital Reliability Operations Center, we have increased analysis of grid health. Last year, we saved 450,000 minutes of customer power interruption from proactively changing damaged transformers

SDG Target 7.2: By 2030, increase substantially the share of renewable energy in the global energy mix
- SCE is working to deliver 100% carbon-free energy to customers by 2045, in accordance with California law
- In 2019, 35% of SCE's total delivered power came from renewable resources eligible under California's Renewables Portfolio Standards requirements
- SCE has been named the top utility in the nation for annual energy storage capacity for the past two years according to the Smart Electric Power Alliance, and recently announced one of the largest procurements of battery-based energy storage in the nation (770 MW over seven contracts)
- Edison Energy[1] has advised on over 4,500 MW of renewable power purchase agreements, including 1,850 MW of executed deals in 2019 alone
- Edison Energy has successfully executed 300+ MW wind, solar and storage transactions, including both utility-scale and behind-the-meter projects

SDG Target 7.3: By 2030, double the global rate of improvement in energy efficiency
- In 2019, 1,168 gigawatt hours (GWh) of energy were saved through the more than 100 energy efficiency programs that SCE offers. This translates into a reduction in CO_2 emissions of approximately 130,000 metric tons

MORE INFORMATION

📄 **Accelerating a Clean Energy Future:** (pp. 17–31)

📄 **Serving Our Customers:** Reliability (pp. 46–47) and Affordability (p. 48)

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1   Edison Energy is not the same company as Southern California Edison, the utility, and Edison Energy is not regulated by the California Public Utilities Commission.

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CONTRIBUTING TO THE UN SUSTAINABLE DEVELOPMENT GOALS

MAJOR FOCUS:
CLIMATE ACTION

Take urgent action to combat climate change and its impacts

WHY IS THIS A PRIORITY?

We believe we have a responsibility to respond to the global challenge of climate change. Through programs, investments, analysis and partnerships with key stakeholders, we're committed to doing our part. In parallel, we are already experiencing climate change's devastating consequences and are working to adapt our system to its effects.

HOW WE'RE CONTRIBUTING

SDG Target 13.1: Strengthen resilience and adaptive capacity to climate-related hazards and natural disasters in all countries

- SCE is evaluating the potential long-term impacts of climate-related hazards on its own infrastructure and operations using state of California-recommended climate scenarios
- SCE is an active participant in a proceeding at the California Public Utilities Commission, focused on integrating climate adaptation into utility planning and operations
- SCE has partnered with a range of organizations, including the American Red Cross and Climate Resolve, as well as government agencies to develop community resilience programs
- Through SCE's Wildfire Mitigation Plan, SCE is increasing grid resiliency against wildfire risks

SDG Target 13.2: Integrate climate change measures into national policies, strategies and planning

- We partner with local, state and federal leaders to advance policies on climate change mitigation and adaptation, transportation and building electrification and innovation to advance clean energy technologies
- In 2017, Edison International underscored its commitment to fighting climate change by joining the We Are Still In campaign in support of the Paris Climate Agreement
- Edison International's President and CEO participated in the United Nations COP25 in Madrid, Spain in December 2019, as a business delegate and also signed onto the Joint Labor Union and CEO Statement on the Paris Agreement to support a just transition of the workforce
- Edison International's President and CEO is a member of the Electricity Subsector Coordinating Council, which acts as a liaison between federal government leaders and the electric power sector to coordinate actions to prepare for national incidents and threats to infrastructure
- In 2019, Edison International's President and CEO joined the U.S. Department of Energy (DOE) Secretary of Energy Advisory Board as the sole electric utility representative and serves on the Board for Argonne National Laboratory, one of DOE's 17 national labs
- In 2019, SCE helped to advance reach codes in the City of Santa Monica, requiring dual-fuel buildings to meet aggressive energy efficiency requirements

SDG Target 13.3: Improve education, awareness-raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning

- In 2019, SCE hosted two Building Resilient Communities symposiums, providing organizations with information on our climate adaptation and severe weather programs
- In 2019, Edison International partnered with the California Fire Safe Council, contributing $500,000 to provide wildfire mitigation grants to existing local fire safe councils and to create new fire safe councils throughout SCE's service area
- Edison International has partnered with the American Red Cross PrepareSoCal campaign since 2012 and was a founding partner

MORE INFORMATION

Accelerating a Clean Energy Future:
Our Vision (pp. 18–20) and Efficient Electrification (pp. 23–26)

Serving Our Customers:
Public Safety (pp. 43–45)

Supporting Our Communities:
Community Resilience (p.51)