



2023

SUSTAINABILITY
REPORT

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INTRODUCTION

Sustainability is at the core of our vision to lead the transformation of the electric power industry toward a clean energy future. Edison International is helping create a world where homes and businesses, cars, trucks and mass transit are powered by carbon-free electricity and customers benefit from reduced energy costs. Our principal subsidiary, Southern California Edison (SCE), is a leader in California's efforts to reduce the greenhouse gas (GHG) emissions that contribute to climate change while also focusing on the grid investments needed for a more resilient, equitable clean energy economy. Our competitive business, Trio¹, partners with leading corporate, industrial and institutional clients around the globe to help them deliver on their strategic, financial, energy and sustainability goals.

¹ Formerly known as Edison Energy, Altenex Energy and Alfa Energy, the group has unified under the new name "Trio", operating under Edison Energy, LLC, an indirect, wholly-owned, non-utility subsidiary of Edison International, to enhance its global sustainability and energy advisory services. Trio is not the same company as SCE, the utility, and Trio is not regulated by the California Public Utilities Commission (CPUC).

A MESSAGE FROM

OUR
CEO

“ The countdown to 2045 is on, and Edison International is leading the charge toward a carbon-neutral California and beyond. A future of greater electrification is one of exceptional opportunity — with good jobs and a cleaner, reliable and resilient grid powering our communities. As electricity demand increases, we’re committed to customer affordability. ”

PEDRO J. PIZARRO

President and Chief Executive Officer

The threat of climate change is no longer distant. In 2023, the earth experienced its hottest year on record.¹ This spike in temperature is making extreme weather events commonplace, with ripple effects that put people around the world in harm’s way. In California alone, climate-related disasters have cost the state more than \$30 billion since 2018.²

Our Vision for a Cleaner California & Beyond

The stakes are higher than they have ever been for California. That’s why the state set an ambitious goal, codified into law in 2022, to reach carbon neutrality by 2045.

Edison International is deeply engaged in reducing harmful emissions. Last year, we updated our vision for a cleaner California in *Countdown to 2045* — our latest analysis of what it will take for the state to reach carbon neutrality and reduce GHG emissions to 85% below 1990 levels by 2045. *Countdown to 2045* forecasts an increase in electricity demand of more than 80%, with 90% of vehicles being electric and 95% of buildings electrified by that year. To reach its goal, California must rapidly and massively expand the electricity grid and adopt emerging clean energy technologies.

Throughout 2023, [Edison International](#) and its subsidiaries, [Southern California Edison \(SCE\)](#) and [Trio](#)³, helped lead the way toward this future. I’m proud of all that we’ve done to help mitigate the worst impacts of climate change and keep the customers and communities we

serve at the center of these efforts. Our 2023 progress and advocacy demonstrates that we’re committed to ensuring the clean energy transition remains reliable, resilient, affordable, equitable and accessible to all customers and communities.

Leading with Technology and Innovation

In 2023, we focused on strengthening the grid’s reliability and resilience. SCE met or outperformed nearly all [wildfire mitigation targets](#) and invested heavily in hardening the grid. Independent analysis has determined that the probability of loss from a catastrophic wildfire linked to SCE equipment is now 85% to 88% lower compared to pre-2018 levels.⁴ Artificial intelligence (AI) and machine learning also supported this work. SCE software developers engineered an AI-powered tool that allows us to better [monitor and maintain SCE’s 1.4 million power poles](#). Unfortunately, climate-driven wildfires are becoming more of a threat on a national (and global) scale. Because of our experience here in California, many are looking to us for guidance on how to prepare and respond.

In addition to climate risks, the grid is also facing challenges from cyber and physical threats. The sheer volume of devices we now have connected to the grid increases the attack surface, and geopolitical conflict adds to the risk.

¹ <https://www.noaa.gov/news/2023-was-worlds-warmest-year-on-record-by-far>

² <https://calmatters.org/environment/climate-change/2023/11/climate-change-california-national-climate-assessment/>

³ Formerly known as Edison Energy, Altenex Energy and Alfa Energy, the group has unified under the new name “Trio”, operating under Edison Energy, LLC, an indirect, wholly-owned, non-utility subsidiary of Edison International, to enhance its global sustainability and energy advisory services. Trio is not the same company as SCE, the utility, and Trio is not regulated by the CPUC.

⁴ Baseline risk estimated by Risk Management Solutions, Inc. (Moody’s RMS) using its wildfire model, relying on the following data provided by SCE: the location of SCE’s assets, CPUC reportable ignitions from 2014–Q3 2023, mitigation effectiveness and locations of installed covered conductor, tree removals, inspections, line clearing, fast curve settings and Public Safety Power Shutoff de-energization criteria.

SCE faces more than 1 billion unauthorized attempts on its system annually and is investing heavily in protections.

We continued to execute on our [long-term net-zero commitment](#) in alignment with California's ambitious policy goals. In 2023, [SCE delivered 52% carbon-free power to customers](#), 55% cleaner than the national average among utilities in terms of GHG intensity.¹ The company also contracted for approximately 2,200 megawatts (MW) of energy storage, bringing SCE's total energy storage portfolio to approximately 7,200 MW owned or under contract — one of the largest in the country. Trio², our competitive business providing integrated sustainability and energy advisory services to large commercial, industrial and institutional organizations in North America and Europe, advised on more than 1,300 MW of [renewable energy power purchase agreements \(PPAs\)](#) for clients.

Ensuring a Just & Equitable Transition

Our analysis found that by 2045, the average SCE residential customer will see higher electric bills more than offset by reduced expenses for fossil fuels. The average customer can expect their total cost of energy (including gasoline, natural gas and electricity) to be 40% lower in real terms. Not all customers will adopt electric technologies at the same rate, however, and it might take longer, particularly for underserved communities. Equity and affordability are front and center in our advocacy and how we structure our programs and investments. We are mindful that these investments increase cost



pressures for our customers in the near term. As such, we continued to offer [affordability programs](#) for our customers in 2023 — recognizing the effect the end of pandemic-related assistance had on households across SCE's service area.

Our employees play an important role in securing a just and equitable transition, and we continued to invest in the workforce of the future throughout 2023. Approximately 31% of our employees participated in our learning and development offerings, including career coaching, mentoring and workshops. We expanded eligibility for our [Lineworker Scholarship Program](#) to a broader group of applicants from underrepresented groups, and we welcomed a new cohort of 12 scholars. Through our [Edison Scholars Program](#), we focused on the difference-makers of tomorrow — awarding 30 high school seniors from underserved communities in SCE's

service area each with a [\\$50,000 college scholarship](#), funded by Edison International shareholders.

Looking Ahead

The countdown to 2045 is on, and Edison International is leading the charge toward a carbon-neutral California and beyond. A future of greater electrification is one of exceptional opportunity — with good jobs and a cleaner, reliable and resilient grid powering our communities. We are proud to accelerate progress toward the clean energy future while meeting the needs of the communities we serve today.

PEDRO J. PIZARRO

President and Chief Executive Officer

¹ U.S. national average available through the Environmental Protection Agency Emissions and Generation Resource Integrated Database for data year 2022 is 827.52 lbs. carbon dioxide equivalent per megawatt-hour (CO₂e/MWh) or 0.38 metric tons CO₂e/MWh.

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2023 YEAR IN REVIEW



CLIMATE CHANGE

Financing sustainability: Issued \$775 million of green bonds and reported on the impacts of \$2.5 billion of sustainable and green capital expenditures.

Delivered 52% carbon-free power in terms of retail sales to SCE customers, 55% cleaner than the national average GHG intensity.

Contracted approximately 2,200 MW energy storage at SCE, bringing total to approximately 7,200 MW owned or under contract — one of the largest portfolios in the nation.

Advised on 1,300+ MW of renewable energy PPAs at Trio¹, bringing total to nearly 12,000 MW.



DIVERSITY, EQUITY & INCLUSION

Diversity, equity and inclusion (DEI) is an important part of our business strategy for our workforce to reflect the communities we serve.

\$1 million, four-year Lineworker Scholarship Program, focused on underrepresented talent, graduated its second cohort.

Spent ~\$2.3 billion with diverse suppliers at SCE, representing 38.3% of SCE's total procurement spend.

Executed organizational unit plans across Edison International and SCE to further integrate DEI into business.



OPERATIONAL EXCELLENCE

SCE's operational excellence efforts are producing operational and maintenance savings for its customers: \$160 million annually through the Wildfire Self-Insurance Program, \$55 million cumulatively over GRC cycle by transforming the inspection process and \$50 million cumulatively over the GRC cycle by finding ways to improve purchasing.

1,100+ MW of demand response program peak load reduction at SCE during times of grid stress and/or high energy prices.

Met or exceeded nearly all Wildfire Mitigation Plan targets at SCE and reduced probability of loss from catastrophic wildfires linked to SCE equipment by 85% to 88% since 2018.

¹ Formerly known as Edison Energy, Altenex Energy and Alfa Energy, the group has unified under the new name "Trio", operating under Edison Energy, LLC, an indirect, wholly-owned, non-utility subsidiary of Edison International, to enhance its global sustainability and energy advisory services. Trio is not the same company as SCE, the utility, and Trio is not regulated by the CPUC.

ACCOLADES

Edison International and our subsidiaries (where noted) received wide-ranging recognition, including the following awards:

CLIMATE CHANGE



Environmental Impact Award ([Verdantix](#)) — SCE

LACitizen Awards ([Los Angeles Cleantech Incubator](#)) — Pedro J. Pizarro

Policy Power Player of the Year: Countdown to 2045 ([Smart Electric Power Alliance](#)) — Edison International and SCE

Ranked 5th in the Top 24 Utility Decarbonization Index ([National Public Utilities Council](#))

Technology Transfer Awards: Fleet Electrification Planning and Assessment for New Load ([Electric Power Research Institute](#)) — SCE

Transportation Power Player of the Year, Finalist: Transportation Electrification Technical Assistance Services ([Smart Electric Power Alliance](#)) — SCE

DIVERSITY, EQUITY & INCLUSION



Best Places to Work ([Disability Equality Index](#) — [Disability:IN](#))

CII 5 Star Company ([Hispanic Association on Corporate Responsibility](#))

GOVERNANCE



Commitment to diverse leadership, Edison International Board members Pedro J. Pizarro and Michael Camuñez ([Latino Leaders Magazine](#))

“GB” (Gender-balanced) corporation ([50/50 Women on Boards](#))

Top-rated governance score ([Institutional Shareholder Services](#))

“Trendsetter” 100% score on the CPA-Zicklin Index of Corporate Political Disclosure and Accountability ([Center for Political Accountability](#))

OPERATIONAL EXCELLENCE



“A” rating ([Global Listed Infrastructure Organisation](#))

America’s Most JUST Companies Top 50 ([JUST Capital](#))

Outstanding Customer Engagement ([Edison Electric Institute](#)) — SCE

ABOUT EDISON INTERNATIONAL

Edison International is one of the nation's largest electric utility holding companies, providing clean and reliable energy and energy services through its subsidiaries.

Headquartered in Rosemead, California, [Edison International](#) is the parent company of [SCE](#), a utility that delivers electricity to 15 million people across Southern, Central and Coastal California. Edison International is also the parent company of [Trio](#)¹, a global energy advisory company that helps large corporate, industrial and institutional users deliver on their strategic, financial and sustainability goals. Edison International's vision is to lead the transformation of the electric power industry toward a clean energy future while delivering superior value to customers and shareholders. We are focused on opportunities in clean energy, efficient electrification, the grid of the future and customer solutions.

Our principal subsidiary, SCE, is an electric utility focused on accelerating clean power and electrification, strengthening and modernizing the grid, achieving operational and service excellence and proactively mitigating climate-change-related risks, including wildfires. SCE is wires-focused, with less than 20% of electricity sales coming from its own generation. Our unregulated subsidiary, Trio, partners with leading organizations, including 49 of the world's largest companies, to set and meet sustainability goals and navigate the choices and opportunities that are emerging from the transition to a net-zero future. Trio recently expanded its geographic footprint in Europe and is now doing business in more than 30 countries around the globe.

EDISON'S VALUES



We Live
Safety



We Conduct Our
Business with
Integrity



We Pursue
Excellence



We Treat
Everyone with
Respect



We Strive for
Continuous
Improvement



We Recognize
the Strength of
Teamwork

EDISON INTERNATIONAL BY THE NUMBERS

\$16B+
revenue

~\$5B

SCE annual capital
investments in a safe,
reliable clean energy grid

50,000+
square-mile SCE service area
across Southern, Central
and Coastal California

15M residents
served by

5M customer
accounts
in SCE service area

125,000+
miles of SCE distribution
and transmission lines

14,000+
employees

50%
of independent board
members are female

49

number of the world's largest
companies served by Trio

\$20M

annual philanthropic contributions²

¹ Formerly known as Edison Energy, Altenex Energy and Alfa Energy, the group has unified under the new name "Trio", operating under Edison Energy, LLC, an indirect, wholly-owned, non-utility subsidiary of Edison International, to enhance its global sustainability and energy advisory services. Trio is not the same company as SCE, the utility, and Trio is not regulated by the CPUC.

² Inclusive of the company's volunteer and matching gift contributions.



Learn more about how Edison International upholds our values throughout our operations in our [Employee Code of Conduct](#) and our [Supplier Code of Conduct](#).

SUSTAINABILITY GOALS

Edison International's sustainability goals reflect our long-term commitments related to material environmental, social and governance topics.

For additional details, including year-over-year performance, see [Sustainability Goals](#). For a broader set of sustainability-related metrics, please see our [Sustainability Scorecard](#) in the Appendix.

EDISON INTERNATIONAL'S SUSTAINABILITY GOALS



NET-ZERO COMMITMENT

Achieve net-zero GHG emissions across Scope 1, 2 and 3 by 2045, in alignment with economywide climate actions planned by the state of California. This covers the power SCE delivers to customers and Edison International's enterprisewide operations, including our supply chain.



CLEAN ENERGY TRANSITION

Deliver 100% carbon-free power in terms of retail sales to SCE customers by 2045.

By 2024, obtain SCE customer commitments to deploy 8,490 medium- and heavy-duty electric vehicles (EVs) through SCE's Charge Ready Transport program.



ELECTRIFICATION¹

By 2025, obtain SCE customer commitments to deploy (or commit to deploy for utility-owned installations) at least 41,000 EV charge ports to serve at least 2,200 sites through SCE's Charge Ready light-duty vehicle charging programs.²

By 2030, within SCE's transportation fleet, electrify 100% of light-duty vehicles, 30% of medium-duty vehicles, 8% of heavy-duty vehicles and 60% of forklifts.



DIVERSITY, EQUITY & INCLUSION

Achieve gender parity in executive roles by 2030.



PUBLIC SAFETY

No serious injuries to the public due to system failure.



WORKFORCE SAFETY & HEALTH

No worker (employee or contractor) fatalities.

By 2026,³ improve employee physical and psychological safety as measured by safety culture assessment.

¹ SCE's Building Electrification Application, filed with the CPUC in December 2021, would have provided \$667.2 million to install roughly 250,000 highly efficient electric heat pumps across its service area. In January 2024, the CPUC denied the filing, so we cannot move forward with establishing this goal. SCE is disappointed by the CPUC's decision because it misses a key opportunity to provide urgently needed support for the state's clean energy objectives when existing market maturity and funding for building electrification are insufficient.

² CPUC decision D.18-05-040, OP 2 recognized and approved SCE's recommendation to reduce the minimum number of sites to 500 and extend deadlines for commitments until the end of 2026, given challenges in market forces affecting medium- and heavy-duty EV adoption.

³ 2026 is the next year for the triennial survey.



1 PART 1 HIGHLIGHTS

LEADING THE CLEAN ENERGY TRANSITION

Rapid electrification is society's most important tool to achieve net-zero greenhouse gas (GHG) emissions — for our company, the state of California and beyond. SCE is actively preparing the grid in Southern California to evolve and deliver widespread, lower-emissions alternatives to a fossil fuel-powered economy. We are communicating our insights on adaptation and resiliency to set the tone in the broader regulatory and policy landscape — setting progressive milestones, measuring progress and sharing our results. Our strategy to lead the clean energy transition provides a roadmap for others to follow; it is risk-informed, based on climate modeling and expert analysis, and aligned with science and national and global commitments like the Paris Agreement.

EDISON INTERNATIONAL'S HISTORY OF CLEAN ENERGY ACTION

1950s–1970s

SCE undertakes research to address the environmental impact of traditional power generation and to understand the viability of renewable energy.

2015

SCE no longer has coal in its specified portfolio.¹

2016

The Tehachapi Renewable Transmission Project is a series of new and upgraded high-voltage electric transmission lines and substations capable of carrying 4,500 megawatts (MW) of electricity (enough energy to supply 3 million homes) from renewable and other generators in Kern County south to San Bernardino County.

TODAY

SCE is wires-focused. 52% of the power SCE delivers to customers in terms of retail sales comes from carbon-free sources. To empower its grid reliability, SCE owns or has contracted approximately 7,200 MW of total energy storage — one of the largest portfolios in the nation.

1980s

SCE's electricity sales are "decoupled" from utility financial results, further enhancing the opportunity for energy efficiency programs. These programs lead to the development of new products that make it possible for California to adopt the most stringent building and appliance standards in the country.

SCE begins to build thermal solar plants in the Mojave Desert in collaboration with the U.S. Department of Energy and the Los Angeles Department of Water and Power.

2000s

SCE begins to sign large, long-term contracts with third-party developers for wind and solar resources and build the nation's first transmission line designed to carry renewable power.

2016

Edison International launches a new energy services company, now known as Trio². Trio operates as an independent advisory and services firm, assisting some of the world's largest companies in assessing their energy requirements.

2021

SCE completes the [West of Devers Transmission Project](#) to develop thousands of megawatts of renewable energy and battery storage resources in the desert areas in the eastern part of SCE's service area — tripling transmission capacity between that area and the population load centers to the west.

¹ For further information on specified portfolio, see [2023 Estimated Power Mix for SCE Customers](#).

² Formerly known as Edison Energy, Altenex Energy and Alfa Energy, the group has unified under the new name "Trio", operating under Edison Energy, LLC, an indirect, wholly-owned, non-utility subsidiary of Edison International, to enhance its global sustainability and energy advisory services. Trio is not the same company as SCE, the utility, and Trio is not regulated by the California Public Utilities Commission (CPUC).

Learn more in [Climate Change Mitigation: Additional Details](#).



CALL TO ACTION: COMMITTED TO ACHIEVING CLIMATE GOALS

Over the past seven years, Edison International has contributed insight and recommendations through a series of reports analyzing the economywide investments needed to achieve California's aggressive climate goals while remaining resilient in the face of climate change and accomplishing an equitable transition to a clean energy future. These studies have assessed the least costly and most feasible path to address global warming and have advocated for the necessary policies and infrastructure that are required in California and nationally, including supporting customers through each step of the transition process.

Our most recent report, *Countdown to 2045: Realizing California's Path to Net Zero*, updates and expands SCE's 2019 analysis, *Pathway 2045*. The report outlines the accelerated pace at which electrification, clean generation and investments in transmission and distribution (T&D) must advance to realize the state's goals. It also recommends that California keep pursuing innovative options, including greater use of emerging technologies such as long duration energy storage, to find even more feasible and affordable approaches to reach carbon neutrality. These investments will create opportunities for economic growth, along with reducing air pollution and climate risks. Similar transformation is needed worldwide to reduce global GHG emissions at a scale to achieve carbon neutrality.

Countdown to 2045 demonstrates that electrification and adoption of electric technologies connected to a robust power grid, coupled with the use of low-carbon fuels for technologies not viable for electrification, is a pathway for decarbonization. To achieve California's climate goals by 2045, the report forecasts that 90% of vehicles and 95% of buildings will run on electricity powered by clean energy. SCE is focused on enabling emissions reductions across sectors by providing the grid that supports the adoption of these technologies. The grid must be reimagined by state agencies and utilities for greater speed, efficiency, integration and flexibility with investments in generation, transmission, distribution and

infrastructure. *Countdown to 2045* estimates that new transmission and distribution projects must be completed at up to four times and ten times their historical rates, respectively. To accomplish this, process and regulatory reforms need to accelerate.

Under the *Countdown to 2045* scenario, electricity demand is projected to increase by over 80% from today. Importantly, the study anticipates that the average customer's total household energy bill will decrease by about 40% by 2045 because of savings from decreased or eliminated fossil fuel use and the higher efficiency of electric technologies.

THOUGHT LEADERSHIP AND KEY PUBLICATIONS



Read more about our [key publications](#) and thought leadership on the clean energy transition.



EDISON INTERNATIONAL'S PATH TO NET ZERO BY 2045

SCE delivers power to customers entirely within California, which has some of the most ambitious science-based climate change goals in the world. California's goals include a 40% reduction in GHG emissions from 1990 levels by 2030, net-zero GHG emissions by 2045 and net-negative GHG emissions thereafter.

In alignment with the state's goals, we are committed to achieving net-zero GHG emissions across Scope 1, 2 and 3 by 2045.¹ This commitment covers the power SCE delivers to customers and Edison International's enterprisewide operations, including our supply chain.

GHG emissions stemming from the power SCE delivers to customers comprise the majority (79% excluding line losses) of Edison International's enterprisewide emissions inventory.² Thus, a major component of our plan to achieve net-zero GHG emissions by 2045 is to deliver

100% carbon-free power in terms of retail sales to SCE customers by 2045. This goal is aligned with California state law and interim milestones, including delivering 60% renewables portfolio standard (RPS)-eligible power by 2030, as well as 90% carbon-free power by 2035 and 95% by 2040. SCE's compliance with California's mandate is overseen by the CPUC. We believe we can meet our 100% carbon-free power goal using existing technology coupled with further commercialization of today's demonstrated technologies, which can help add resource diversity and reduce buildout costs. SCE is investing heavily in energy storage and the grid-related capabilities needed to deliver high levels of intermittent renewable resources (see [Strategic Focus: Grid Modernization](#) for more information).

SCE's 100% carbon-free power target and California's statutory requirement both apply to retail sales and exclude, from an accounting perspective, power generation lost via T&D line losses. This leaves a small amount of room for natural gas to serve as backup power during peak-load days or in case of emergency by 2045. This natural gas could come from SCE-owned resources (Scope 1) and/or power purchased from third-party generators (Scope 3). All electricity generators in California that emit over 25,000 metric tons (MT) carbon dioxide equivalent (CO₂e) annually are covered under the state's cap-and-trade program, including SCE's Mountainview combined cycle plant. Thus, any remaining emissions from natural gas in 2045 will need to be offset or removed to meet the company's net-zero GHG emissions goal.



¹ Meeting this net-zero goal is contingent on approvals from SCE's regulators, as well as the availability of viable technologies in 2045 to adequately offset or remove remaining carbon from our enterprisewide footprint.

² Edison International's emissions footprint is largely within the state of California and related to SCE.

Climate Change Goals Aligned with Science

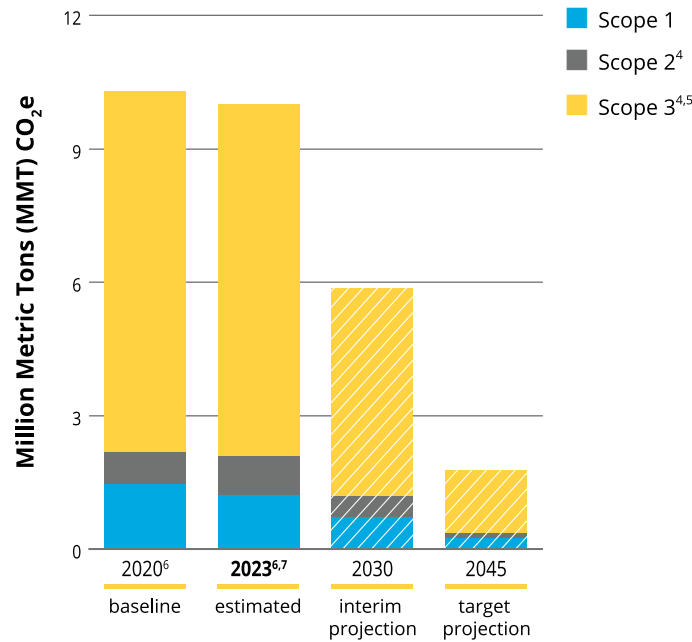
Our climate goals are aligned with science and limiting warming to 1.5 degrees. Given that approximately 90% of Edison International's emissions are covered under California's Scoping Plan for Achieving Carbon Neutrality, Edison International's climate actions are based on economywide analyses to support California's science-based goals. There are multiple paths to achieving net-zero emissions, and our path prioritizes alignment with California's climate policies and customer affordability.

To that end, Edison International has joined as an anchor institution with the Electric Power Research Institute (EPRI) and other companies in an approximately two-year science-based target-setting research project called SMARTargets: A Methodology for Grounded and Actionable Climate Targets Aligned with Global Goals. SMARTargets aims to develop a methodology to help companies establish targets that consider uncertainty and risk, recognize their unique opportunities and constraints, and account for multiple societal objectives, such as affordability, equity and reliability.

Edison International is collaborating with peer utilities to advance potential offset or carbon removal solutions as a key sponsor of the [Low-Carbon Resources Initiative](#), an industrywide initiative led by EPRI and the Gas Technology Institute to accelerate development and demonstration of key technologies needed beyond 2030 to get to a net-zero economy. The five-year, \$250 million-plus effort is focused on opportunity areas for decarbonization, such as renewable fuels, hydrocarbon-based processes, and delivery and storage. California state laws, including Senate Bill 905 (Caballero, 2022), have also been adopted to establish a framework for carbon capture, utilization and storage of CO₂, as well as supporting natural carbon sequestration.

Today, approximately 87% of SCE's total emissions across all 3 scopes are associated with power delivery to customers. The remaining 13% non-power delivery-related emissions are expected to decline in the future, given the policies of California and other jurisdictions. Policies already enacted in California support electrification and decarbonization of our transportation fleet and facilities, as well as the phase-out of sulfur hexafluoride (SF₆), a high global warming potential gas, from SCE's T&D equipment. In addition, we are exploring voluntary actions to accelerate the pace of change. SCE has set voluntary targets to electrify our transportation fleet and is exploring ways to engage our supply chain in decarbonization efforts.

2030 & 2045 EDISON INTERNATIONAL EMISSIONS PROJECTIONS^{1,2,3}



Any remaining emissions in 2045 to be offset or removed¹

SCE is committed to achieving net zero across Scope 1, 2 and 3 by 2045.



See [Sustainability Goals](#) for details about our clean energy transition goals.



¹ Meeting this net-zero goal is contingent on approvals from SCE's regulators, as well as the availability of viable technologies in 2045 to adequately offset or remove remaining carbon from our enterprisewide footprint.
² This chart shows a projection of Edison International's enterprisewide emissions in 2030 and 2045 based on assumptions aligned with the CPUC's Integrated Resource Plan proceeding and SCE's [Countdown to 2045](#) white paper. Factors that could impact the emissions estimates include, among others, fluctuations in SCE-bundled load due to community choice aggregation formation in SCE's service area and uptake of electric technologies, variability in economic dispatch of Mountainview and SCE's other gas generation resources for system reliability purposes, and the availability of new technologies and innovation that affect emissions.
³ Projections are reviewed annually and updated, as needed, to reflect latest inputs.
⁴ Scope 2 and 3 emissions for 2022 have been updated to reflect final purchased power data from SCE's Power Source Disclosure Program (PSDP) filings, which was finalized and submitted after the preparation of the 2022 Sustainability Report. Additionally, 2021 and 2022 emissions have been updated due to further methodology refinement related to Scope 3 power purchases and Scope 2 T&D line losses to improve accuracy and reliability of our sustainability metrics and to better align with The Climate Registry (TCR) and GHG protocols. The enhancements introduced reflect our commitment to data accuracy, as identified through the collaborative insights gained during the third-party verification process.
⁵ Scope 3 emissions reporting continues to evolve. In 2023, Edison recharacterized spend data into Capital Goods and Purchased Goods and Services based on internal accounting rules.
⁶ SCE's 2022 Scope 1, 2 and 3 inventories were successfully verified by a third party in accordance with TCR protocols. 2020, 2021 and 2023 inventories are expected to be verified later in 2024.
⁷ The 2023 emissions inventory is an estimate. It also includes as an input "retail sales," which was calculated using a different methodology in 2023 compared to baseline year 2020 (see [footnotes on p. 89](#) for more details).

MANAGING OUR OPERATIONAL CARBON FOOTPRINT

Edison International is at the forefront of environmental stewardship, actively managing our operational carbon footprint. By embracing renewable energy sources, driving down GHG emissions and fostering innovation through strategic investments, we are steadfast in our commitment to a more sustainable future.

Our GHG emissions inventory covers Edison International, SCE and Trio¹. We account for GHG emissions using TCR's [General Reporting Protocol](#) and the sector-specific reporting protocol for the Electric Power Sector. TCR's General Reporting Protocol embodies GHG accounting best practices from the [World Resources Institute's GHG Protocol Corporate Accounting and Reporting Standard](#) (including Scope 2 and Scope 3 guidance), International Organization for Standardization (ISO) 14064-1:2018, Greenhouse Gases — Part 1 and U.S. Environmental Protection Agency (EPA) Center for Corporate Climate Leadership GHG inventory guidance. Edison International's and Trio's emissions are de minimis compared to SCE's emissions.

2023 Estimated GHG Emissions

Scope 1 emissions represent an estimated 12% of our enterprisewide footprint. In 2023, 87% of Scope 1 emissions came from SCE's combined cycle natural gas plant, Mountainview, which is covered under California's cap-and-trade market. Our Scope 1 emissions decreased by an estimated 31% from 2022. This was due to year-to-year operational variability.

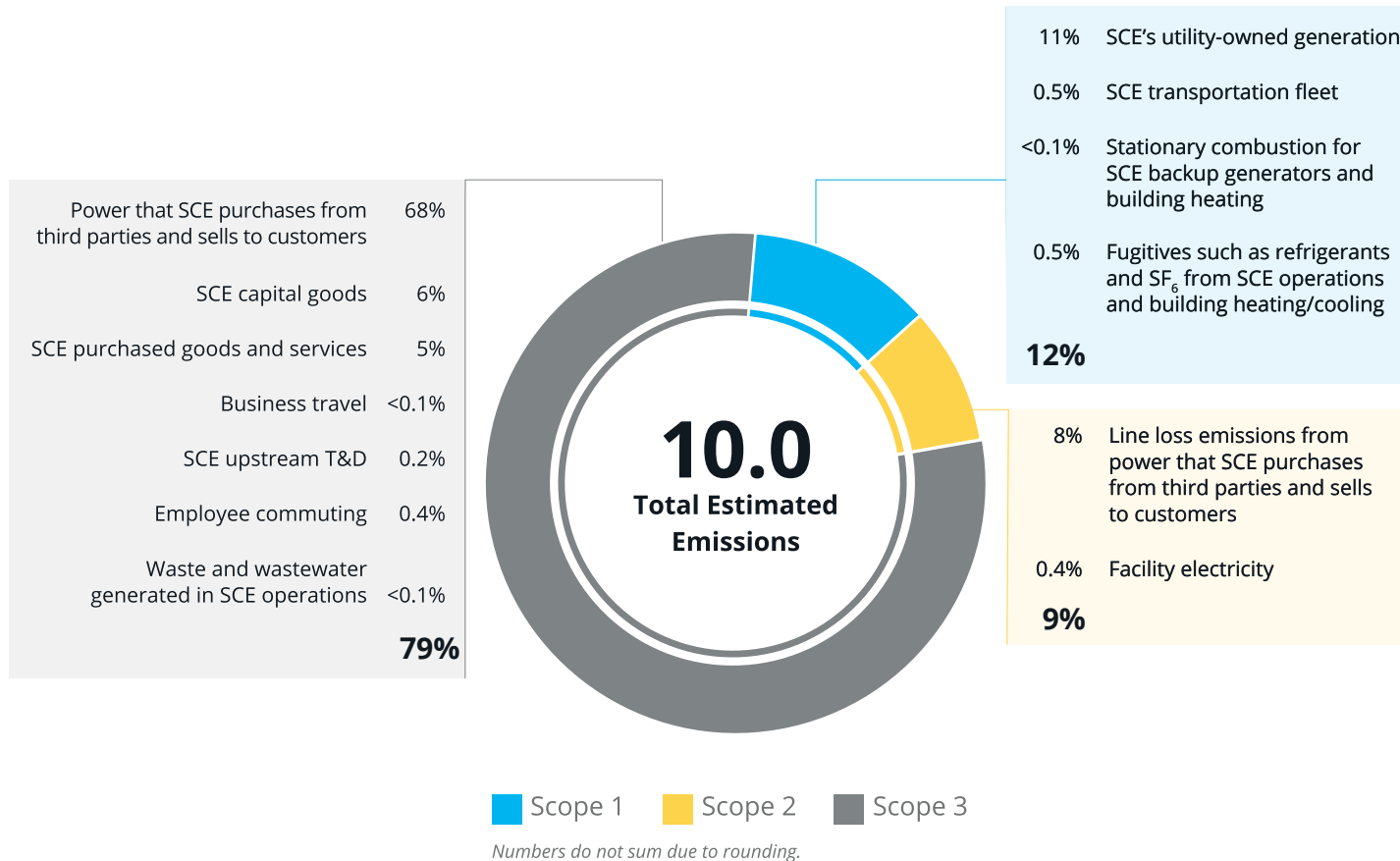
Scope 2 emissions represent an estimated 9% of our footprint. Scope 2 emissions have not materially changed from 2022.

Scope 3 emissions comprise the majority of our footprint, an estimated 79%. In 2023, our Scope 3 emissions decreased by 16% compared to 2022. This was predominantly due to normal operational variability associated with SCE's purchased power mix. We expect our Scope 3 emissions to decline substantially over the next two decades as the pathway to achieving the state's climate policies that is outlined in [Countdown to 2045](#) is realized.



¹ Formerly known as Edison Energy, Altenex Energy and Alfa Energy, the group has unified under the new name "Trio", operating under Edison Energy, LLC, an indirect, wholly-owned, non-utility subsidiary of Edison International, to enhance its global sustainability and energy advisory services. Trio is not the same company as SCE, the utility, and Trio is not regulated by the CPUC.

TOTAL ESTIMATED EMISSIONS 2023^{1,2}
(MMT CO₂e)



EMISSIONS YEAR-OVER-YEAR COMPARISON^{1,2}
(MMT CO₂e)

	2021 ^{3,4}	2022 ^{3,4}	2023 ^{3,5,6}
Scope 1	1.1	1.8	1.2
Scope 2 — Location-Based	1.5	0.9	0.9
Scope 2 — Market-Based	1.5	0.9	0.9
Scope 3	9.8	9.4	7.9
Total — Location-Based	12.3	12.0	10.0
Total — Market-Based	12.3	12.0	10.0

We also track a broader set of environmental, social and governance metrics through our [Sustainability Scorecard](#).



¹ For definitions of these categories, see TCR's [General Reporting Protocol](#) and the sector-specific reporting protocol for the Electric Power Sector.

² Inventory includes Edison International, SCE and Trio. Inventory excludes certain miniscule sources, such as refrigerants related to air conditioning systems that are too small to be captured in SCE's air quality compliance reporting or emissions from certain specialized vehicle rentals, which we estimate to be miniscule and permitted for exclusion pursuant to TCR's GHG emissions reporting protocols. Trio is not the same company as SCE, the utility, and Trio is not regulated by the CPUC.

³ SCE's 2022 Scope 1, 2 and 3 inventories were successfully verified by a third party in accordance with TCR protocols. 2020, 2021 and 2023 inventories are expected to be verified later in 2024.

⁴ Scope 2 and 3 emissions for 2022 have been updated to reflect final purchased power data from SCE's PSDP filings, which was finalized and submitted after the preparation of the 2022 Sustainability Report. Additionally, 2021 and 2022 emissions have been updated due to further methodology refinement related to Scope 3 power purchases and Scope 2 T&D line losses to improve accuracy and reliability of our sustainability metrics and to better align with TCR and GHG protocols. The enhancements introduced reflect our commitment to data accuracy, as identified through the collaborative insights gained during the third-party verification process.

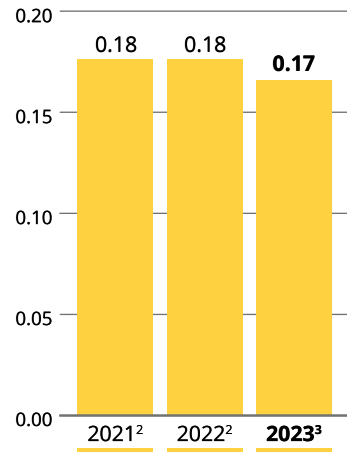
⁵ Emissions calculations for 2023 are estimated and include as an input an estimate of SCE's 2023 delivered power mix using the methodology prescribed by the California Energy Commission's (CEC) PSDP as of April 8, 2024. SCE's final PSDP report will be filed with the CEC on June 1, 2024, and may include updates to the inputs used in these calculations. Methodologies associated with certain emissions categories were refined to further align with TCR protocol. Scope T&D losses associated with power SCE delivers for others and power SCE delivers to community choice aggregation and direct access customers. Scope 3 calculation of SCE's supply chain emissions was also further refined compared to prior years.

⁶ SCE has biogenic emissions associated with use of renewable fuels like R99 and biomass. These are not included in the inventory, as these are not anthropogenic emissions. For informational purposes, biogenic emissions associated with owned generation, mobile sources and delivered power were 1,324 MT CO₂, 15,207 MT CO₂ and 1,525 MT CO₂, respectively.

2023 Estimated Power Mix for SCE Customers

In 2023, 52% of the power SCE delivered to customers in terms of retail sales is estimated to have come from carbon-free sources, including RPS-eligible resources such as wind and solar, along with other carbon-free sources such as large hydroelectric and nuclear power. The proportion of carbon-free power increased by 7% versus 2022. SCE's estimated delivered power mix emitted approximately 55% fewer GHG emissions per unit of electricity compared to the latest available U.S. national average.¹

SCE'S GHG EMISSIONS INTENSITY FOR DELIVERED POWER
GHG Intensity (MT CO₂e/ megawatt-hour [MWh])

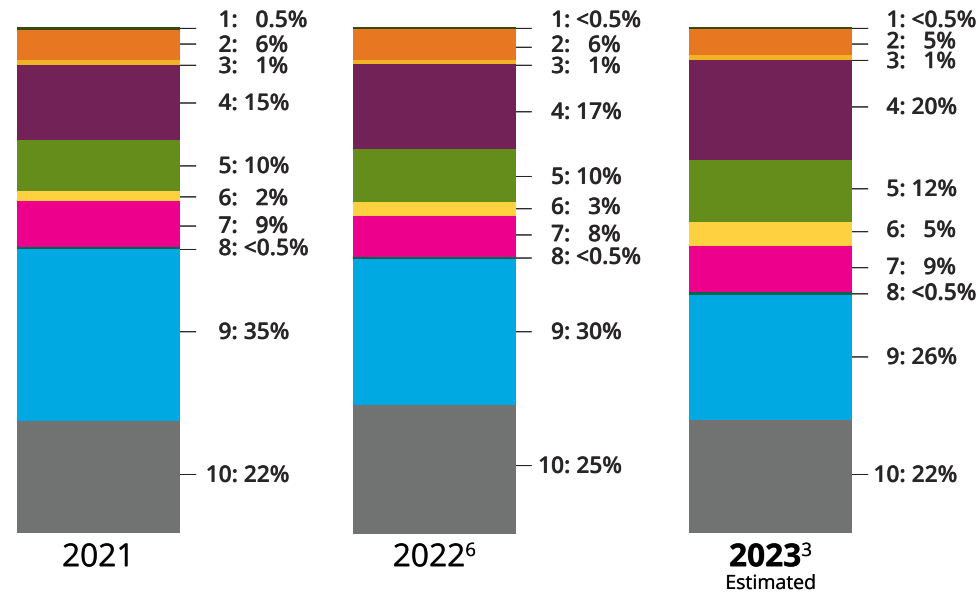


¹ U.S. national average available through the EPA Emissions and Generation Resource Integrated Database for data year 2022 is 827.52 lbs. CO₂e/MWh or 0.38 MT CO₂e/MWh.
² Please note metric was revised due to change in emission methodology (see footnote 4 in [Managing Our Operational Carbon Footprint](#) for details).
³ This is an estimate of SCE's 2023 delivered power mix using the methodology prescribed by the CEC's PSDP. SCE's final PSDP report will be filed with the CEC on June 1, 2024, and may include data that differs from the estimate shown here to reflect subsequent changes or clarifications to the PSDP's methodology and reporting template.
⁴ Please note that Hydro generation on a percentage of load basis is variable year-over-year due to weather (e.g., snowfall, rainfall), unit outages and total load.
⁵ "Other" consists of diesel and liquefied petroleum gas from SCE-owned Pebbly Beach Generating Station on Catalina Island.
⁶ 2022 delivered power mix data reflects final data from SCE's PSDP filing in June 2023.

SCE'S DELIVERED POWER MIX

Includes both owned generation and power procured from third parties.

- 1: Biomass & Biowaste***
- 2: Geothermal***
- 3: Eligible Hydroelectric***
- 4: Solar***
- 5: Wind***
- 6: Large Hydroelectric*⁴**
- 7: Nuclear***
- 8: Other⁵**
- 9: Unspecified**
(see callout box)
- 10: Natural Gas**



* Carbon-free
Numbers do not sum due to rounding.

Unspecified power refers to electricity that is not traceable to a specific generating facility, such as electricity bid and awarded through an organized market 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 renewables are added to the grid in line with California state law. Unspecified power also consists of energy from out-of-state wind projects that are not delivered into California (see [Delivered Power Mix & GHG Emissions: Additional Details](#)).



STRATEGIC INVESTMENTS & INNOVATION

Edison International is committed to taking strategic actions, and SCE innovates to achieve a reliable, resilient and ready grid in a way that is just and affordable.



Learn more in [Climate Change Mitigation: Additional Details, Climate Adaptation & Resiliency](#) and [Environmental & Social Justice](#).



STRATEGIC FOCUS: STRATEGIC INVESTMENTS

Edison International continues to make targeted strategic investments in, and develops collaborations with, early-stage companies focused on innovative clean energy technologies and services supporting our strategy. Among others, we were an early investor in [AMPLY Power](#), a provider of a fully managed charging-as-a-service model; and [ViriCiti](#), a provider of monitoring solutions for electric fleets. AMPLY Power and ViriCiti were acquired by BP and ChargePoint, respectively. Our more recent investments have included [WeaveGrid](#), which optimizes residential electric vehicles (EV) charging; and [Infravision](#), which is developing solutions to automate power line construction and increase grid capacity. Examples of other investments include [Element Energy](#), focused on improving the safety and performance of batteries; [Forum Mobility](#), which provides charging depots and access to heavy-duty electric trucks for fleets that transport goods from ports; and [AiDash](#), focused on enhancing utility vegetation management programs.

STRATEGIC FOCUS: GRID MODERNIZATION

For California's power to be carbon-free by 2045, there must be fundamental changes in how the grid is planned, designed, built and operated. These changes will require everything from updating design standards to anticipating potential future conditions, while considering affordability and broad access to power, so everyone benefits from the clean energy transition.

[Countdown to 2045](#) forecasts electricity demand will increase by 80% by 2045, requiring significant grid expansion. New clean-energy generation is needed to fulfill additional energy demand and to decarbonize the existing load. Planning methods need to be updated to incorporate forward-looking climate data to more appropriately capture the risks associated with intensifying climate change impacts on the grid and on vulnerable populations.

[Reimagining the Grid](#) is a comprehensive assessment to address how the grid must change to support California's GHG emissions-reduction goals and the imperative for power to be carbon-free by 2045 while adapting to other needs driven by customers and climate change. The assessment starts with understanding the availability and composition of renewable and carbon-free resources to supply power, as well as future customer needs and the potential impacts of climate change on the system. SCE is expanding its grid planning capabilities to adapt to both systemwide objectives and specific, localized needs.

Technology advancements in grid software and hardware, as well as new resources like energy storage, have fostered continued progress in strengthening and modernizing the electric grid. However, the underlying design and architecture of the grid have not evolved at the same pace as its component technologies.

As the grid expands to accommodate the electric power needs required for the clean energy transition, the potential "attack surface" for cyber threat actors that seek to compromise critical infrastructure will increase. To help reduce these threats, SCE engineers work with cybersecurity professionals to conduct risk assessments,

test and deploy cybersecurity technology and maintain governance processes that keep pace with the threats facing the energy sector.

We anticipate that the grid will be exposed to more frequent and more intense climate-change-driven disruptions. The direct impact of these disruptions on assets and customers will be a key driver of the grid's evolution. Impacts on the grid will vary by location and depend on regional topography, urbanization and demographic trends, localized exposure to climate vulnerabilities and existing infrastructure. This intensifies the need to plan and design a reimagined and climate-resilient grid tailored to different needs.

SCE plans to invest approximately \$38 billion to \$43 billion from 2023 to 2028 to enhance our electric power grid, focusing on improving safety and reliability. We collaborate across the industry and with government agencies to advance technologies that support decarbonization of the power supply and the capabilities needed to support the shift toward EVs and all-electric buildings. We are particularly focused on grid-related technologies, such as distributed energy resources, energy storage and predictive analytics to support the clean energy transition, given our wires-focused business model and small utility generation footprint.

In the near term, SCE is also investing in and deploying new technologies to further reduce the threat of wildfires associated with or impacting SCE's system.

STRATEGIC FOCUS: CLEAN ENERGY

Edison International is leading the transition of the electric power industry toward a clean energy future, with SCE focused on delivering 100% carbon-free power in terms of retail sales to SCE customers by 2045 (see [2023 Estimated Power Mix for SCE Customers](#) for more details).

As SCE delivers increasing levels of renewable and carbon-free power over the next two decades, improving energy storage is a primary focus, along with grid modernization. Batteries and other technologies can store excess energy from renewables and supply it to the grid when needed, thereby reducing dependence on natural gas-fueled power plants.

SCE's Energy Storage Portfolio

SCE has one of the largest energy storage portfolios in the nation. As of 2023, we have installed or contracted approximately 7,200 MW of energy storage. As part of this portfolio, SCE is currently constructing approximately 535 MW of utility-owned storage at three strategically located substations.

A significant portion of SCE's energy storage portfolio consists of co-located battery energy storage projects, where storage is added to existing or new solar resources. The batteries are intended to mainly charge from the paired solar facility throughout the day and discharge energy to the grid in the evening when power needs peak and solar facilities are unable to generate.

Because they use existing interconnected facilities and equipment, co-located battery energy storage projects can lower procurement costs and shorten construction timelines when compared to standalone solar and battery storage projects.

Trio¹ Advising Global Companies on Sourcing Renewables

Trio is supporting organizations globally, including 49 of the world's largest companies, in meeting their climate change goals through renewable energy contracts, electrification strategies, energy optimization programs and comprehensive sustainability strategy work, inclusive of net-zero goals and science-based targets. Trio has extended its global presence and continues to drive change toward a net-zero future. The company has advised on more than 11,000 MW of renewable energy power purchase agreements (PPAs) — including 1,344 MW of deals in 2023 — helping clients identify nearly 3 billion kilowatt-hours in energy savings and avoid nearly 200 million metric tons of CO₂ emissions.

Trio recently advised the companies Mars and Cargill, a major Mars supplier, on sourcing off-site renewable energy via PPAs in Germany, Poland, the Netherlands and Italy. Both companies are on the way to achieving their science-based climate targets. The resulting PPA deals are expected to help Mars eliminate all fossil fuel use from its operations by 2040 and reduce its absolute Scope 1, 2 and 3 GHG emissions by 27% and 67% by 2025 and 2050, respectively, while helping Cargill cut 10% of GHG emissions from its operations by 2025 and reduce GHG emissions in its global supply chains by 30% per ton of product by 2030.

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STRATEGIC FOCUS: ELECTRIFICATION

Creating an electrified economy, powered by clean generation and enabled by unprecedented buildout of the electric grid, requires fundamental rethinking of how California's energy infrastructure is planned and operated. According to *Countdown to 2045*, achieving California's decarbonization goals will involve 90% of vehicles and 95% of buildings running on carbon-free electricity by 2045. SCE is in a strong position to advance these electrification initiatives, as it is California's only major investor-owned electric utility without a natural gas distribution business.



To accelerate electrification, SCE focuses on advancing customer adoption of electric technologies through innovative programs and research-based incentives, as well as advocacy and cross-sector partnerships. SCE is also advancing grid capabilities to handle the new demand for electricity that will come from these technologies (see [Strategic Focus: Grid Modernization](#)), with a particular focus on expanding access to electric technologies in environmental and social justice (ESJ) communities (see [Environmental & Social Justice](#)).

Edison International and SCE have continued our [advocacy](#) and support for policies and regulations that will help California lead the country in transportation and building electrification and achieve economywide climate goals (see [Call to Action: Committed to Achieving Climate Goals](#)).

Transportation Electrification

SCE leads the largest investor-owned utility EV charging programs in the U.S., with more than \$800 million of approved funding. SCE estimates that 90% of light- and medium-duty vehicles and more than 50% of heavy-duty vehicles will need to be electric by 2045 to achieve California's climate goals. Trio¹ supports clients' transportation electrification strategies and planning to help companies transform their corporate fleet operations and infrastructure in favor of EVs.

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Accelerating Smart Charging Technology

SCE is at the forefront of EV innovations that will bolster the grid. These innovations include advancing bi-directional charging, which will allow EV owners to reverse the power flow and feed electricity from the EV battery to a home, a business and even the electric grid. SCE has already led vehicle-to-grid integration testing and standards development, as well as vehicle-to-grid pilots and EV charging and control systems demonstrations. V1G, also called smart charging, is available to SCE customers to help them save on energy costs during off-peak hours.



Light-Duty Vehicles

In 2023, SCE continued the second phase of [Charge Ready Light Duty](#). Through this program, SCE installs and maintains EV charging infrastructure while site hosts, which are nonresidential SCE customers, typically own, operate and maintain qualified charging stations. SCE also offers rebates for charging stations at new construction multifamily units. SCE's Charge Ready program, with a budget of \$436 million, aims to get customer commitments to set up at least [30,000 EV charging ports](#) and at least 2,200 light-duty sites across SCE's service area by 2025. This effort will support about one-third of the charging station projects required to achieve California's climate goals within the SCE service area. The program's 2025 goal is a revision from the previous target of 41,000 EV charging ports, which was updated due to lower-than-expected construction starts in multifamily housing. We are assessing opportunities to repurpose money previously earmarked for our higher goal for other port-creation opportunities, including efforts in 2023 to target more EV charging ports in disadvantaged communities (see [Sustainability Goals](#) for more details on this progress).

In 2023, 1,377 light-duty charge ports were installed at 80 sites through Charge Ready Light Duty, bringing the cumulative total to 4,411 charge ports installed at 254 sites. In alignment with the program's goal to expand access to electric technologies, 51% have been installed in state-designated disadvantaged communities.

Medium- & Heavy-Duty Vehicles

SCE continued to install EV-charging infrastructure for medium- and heavy-duty vehicles through our \$356 million [Charge Ready Transport Program](#), which seeks to support nearly 8,500 medium- and heavy-duty vehicles across



500 sites. In 2023, SCE completed construction at 23 additional sites, which should support 645 new medium- and heavy-duty EVs, for a cumulative total of 1,540 vehicles supported at 65 sites since the program's inception.

While we expect to support the number of vehicles targeted in our near-term sustainability goal, the number of sites misses our near-term goal of 500. GHG emissions reductions are driven by vehicle conversions and not sites, so the available program budget should help continue to maximize the benefits of EVs.

SCE's Transportation Fleet Electrification

SCE continues to make progress toward our goal of electrifying our fleet of more than 4,700 on-road vehicles. SCE is planning, optimizing and building the required charging infrastructure to support an electric fleet, while partnering directly with manufacturers to bring to market necessary vehicles. We advise on product development and serve on manufacturer advisory boards to help find solutions for utility vehicle needs. At year end 2023, we were on track to meet our goal (see [Sustainability Goals](#) for more information).

Plugging into Electric Airplanes

SCE is helping Clay Lacy Aviation prepare for aircraft powered by electricity. Clay Lacy is building a new terminal and hangar at Orange County's John Wayne Airport that will include infrastructure for 48 EVs and — once certified for flight — six charging stations for electric aircraft. Under Charge Ready Transport, SCE is covering the basic infrastructure for the EV charging stations, and Clay Lacy will be responsible for installing them.





Building Electrification

In [Pathway 2045](#), SCE identified the building sector as critical to meeting California's GHG emissions-reduction targets, indicating that 75% of buildings would need to run on electricity for the state to reach its targets. [Countdown to 2045](#) has updated that analysis to reflect policy changes, expected climate change impacts, market and technology developments and an in-depth study of electric sector reliability. The new analysis indicates the solution for net zero requires 95% of buildings to be electrified by 2045.

To help meet these ambitious requirements, SCE submitted an application to the CPUC that proposed to invest \$677 million in building electrification. However, in 2023, the CPUC [denied SCE's application](#), commending "SCE's initiative in advancing creative ideas to address electrification and GHG emissions reductions," but citing its "statutory duty to establish just and reasonable rates so Californians have access to affordable electricity that is essential for their health, safety and well-being." SCE is disappointed by the CPUC's decision. Meeting the state's ambitious decarbonization goals requires electrifying

buildings at levels that cannot be supported with current state and federal funding. To realize the projected 40% reduction in total energy costs for our customers and achieve net zero by 2045, it is essential that the electrification of nearly all buildings takes place.

Approximately one-third of the proposed heat pump installations in SCE's program would have targeted ESJ communities, and 40% of funding for electrical upgrades were for low-income customers, including those disproportionately affected by indoor/outdoor air pollution, extreme weather and climate change. Electrification also puts downward pressure on rates — and customers benefit from the significant efficiency provided by electric equipment, as well as programs that help lower consumption and bills. Delayed action means natural-gas-powered appliances will continue to be installed in homes and businesses. These will then require replacement before the end of their expected life for the state to meet its climate and decarbonization goals. Electrifying now avoids unnecessary costs later.

SCE plans to continue to push for supportive policies on our customers' behalf, and we are investigating alternative paths for building electrification and how to support the requirements outlined in [Countdown to 2045](#).

SCE Building Electrification

SCE is also committed to building electrification within our operations. More than 99% of SCE buildings by count — 79% of our total building square footage — use electricity as the primary fuel source. For near-term construction projects, SCE replaces gas equipment with electric solutions based on the project scope or the equipment's end-of-useful life.

SCE-Backed College Teams Vie to Be Sustainability Decathlon Champion

Fourteen teams from colleges as far away as China competed in the first Orange County Sustainability Decathlon, a competition designed to inspire students to build sustainable, energy-efficient homes. Edison International donated \$25,000 to each of three Southern California student teams as part of our commitment to a clean energy future.



STRATEGIC FOCUS: CUSTOMER SOLUTIONS



Edison International is committed to providing superior service and a high-quality experience to SCE and Trio¹ customers.

Clean Energy at SCE

To meet evolving customer needs and improve the customer experience, SCE develops new customer programs to promote clean energy and energy efficiency for all customer classes, with a particular focus on equity and program participation in ESJ communities. One example of this is SCE's Energy Savings Assistance Program Building Electrification Pilot, which helps eligible

homeowners and renters electrify their homes by replacing natural gas and propane appliances with high-efficiency electric equipment.

Trio Insights

Trio uses technology and data to better serve clients across renewable energy, supply procurement and energy efficiency. The "Insights" platform provides organizations with unique transparency and intelligence to improve management of energy activities and performance. Using the latest data analytics and user interface, clients can visualize, evaluate and decide on the most critical elements of their energy portfolio in real time, all in one place.

Trio advises clients to consider clean energy projects and programs that directly impact local communities where they are based. Trio works to quantify the impact of any given project by conducting ESJ diligence throughout the procurement process to highlight minority- and women-owned business enterprise suppliers, as well as community impact initiatives pursued by projects and their developers.

For more details about Edison's Customer Experience practices and policies, see [Part II](#).



For more details about SCE Customer Assistance Programs, see [Part II](#).

Supporting Tribal Communities

SCE is honored to serve 13 tribal nations within its 50,000-square-mile service area. Given the remote locations of many tribal lands, tribes have experienced more than their share of power outages. In 2023, SCE, in partnership with SDG&E, PG&E and CalStart, created the first-ever California Tribal Leaders Clean Energy Summit to discuss opportunities for securing clean, reliable and resilient energy on tribal lands.

Following the Summit, SCE committed to helping all tribes in its service area develop clean energy solutions. At least two tribes have expressed interest in adding battery storage, and a few more are interested in creating a microgrid. We look forward to continuing to work with tribes through innovative partnerships like these.



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Advancing the Transition

Fireside Chat: State of Energy Transition

Pedro Pizarro

President and Chief Executive Officer, Edison International

Saugata Saha

President, Global Commodities



Learn more in [Climate Change Mitigation: Additional Details](#) and [Climate Adaptation & Resiliency](#).



Public Policy Engagement

Edison International's public policy engagement includes significant focus on influencing the policy agenda to help deliver the benefits of clean energy and electrification, especially affordability benefits for customers. We participate in national organizations and coalitions addressing climate change and clean energy, with a particular advocacy focus on electrification. A critical priority is advocating for siting and permitting reform, essential to enabling the grid expansion needed to accelerate economywide decarbonization. Our policy agenda also includes protecting the security and reliability of the electric grid, including making it more resilient against cyber and physical attacks (see [Cyber & Physical Security](#)), wildfires and other climate-driven risks. We also focus on policies promoting an equitable transition to a clean-energy economy and supporting ESJ, especially in disadvantaged and historically underserved communities.

Trade Associations

Edison International and our subsidiaries are members of certain trade associations that engage in lobbying activity. Through engagement with these associations' leadership and policy committees, we seek to help them align with our clean-energy strategy. We have reviewed the public energy and climate positions of the [trade associations](#) where we make payments of at least \$50,000 annually and found that they are generally aligned with us on climate policy. These trade associations are required to report the nondeductible portion of our annual payments used for lobbying activity, which are disclosed in our [semiannual political contribution reports](#). Edison International prohibits our trade associations from using company payments for electoral or political purposes, such as contributions to political candidates and committees.

Edison International Participates in COP28

Edison International's President and CEO Pedro J. Pizarro, Senior Vice President, Corporate Affairs & Public Policy Caroline Choi, Trio's¹ CEO Drew Murphy, along with other members of the senior leadership team, participated in the United Nations Climate Change Conference 2023 (COP28) to demonstrate the power sector's critical role and leadership in driving climate solutions, mitigating climate change impacts and achieving regional and national goals. Edison International representatives emphasized the need for unprecedented grid buildout and innovation in planning, policy and technology well before 2045, using current tools and innovative technologies.

Edison International supports collaborative efforts to address climate change. In 2023, Edison International joined the [Utilities for Net Zero Alliance](#), a global coalition of over 25 global utilities and power companies, to take collective action and commit to advancing electrification, renewables-ready grids and clean-energy deployment to accelerate the transition toward a net-zero future by 2050.

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EDISON INTERNATIONAL'S ALIGNMENT WITH TRADE ASSOCIATIONS

TRADE ASSOCIATION	CLIMATE POLICY
Business Roundtable	Supports a well-designed, market-based mechanism and other supporting climate policies to provide certainty and unleash innovation to lift the U.S. toward a cleaner, brighter future.
California Chamber of Commerce¹	Shapes climate-change laws and regulations that are cost effective, technology neutral and promote market-based strategies to reduce GHGs.
California Council for Environmental and Economic Balance	A nonprofit, nonpartisan coalition of business, labor and public leaders that advances balanced policies for a healthy environment and a strong economy.
Edison Electric Institute	Advocates for policies to address climate change that seek to minimize impacts on consumers and avoid harm to U.S. industry and the economy.
Nuclear Energy Institute¹	Promotes safe and effective storage of spent nuclear fuel, a critical issue for SCE during decommissioning of the San Onofre Nuclear Generating Station and for the industry, as it relies in part on nuclear energy as a carbon-free resource.
Zero Emission Transportation Association	Industry-backed coalition advocating for the full adoption of EVs by 2030, which will create new jobs, secure American global EV manufacturing leadership, dramatically improve public health and significantly reduce carbon pollution.

In January 2023, Edison International updated its [Political Engagement Policy](#) to prohibit our trade associations from using company payments for electoral or political purposes, such as contributions to political candidates and committees.

¹ Membership held by SCE.

Dialogue to Drive Decarbonization at the Edison Electric Institute (EEI) Annual Meeting

In 2023, Edison International President and CEO Pedro J. Pizarro was elected as chair of EEI, the investor-owned electric utility industry's trade association. Its members provide electricity for 250 million Americans and operate in 50 states and the District of Columbia. EEI provides public policy leadership, strategic business intelligence and essential conferences and forums.

The EEI Annual Meeting also included featured sessions with Bill Gates, best known as Microsoft's co-founder, U.S. Secretary of Energy Jennifer Granholm, Senior Advisor to the President for Clean Energy Innovation John Podesta, businessman and entrepreneur Elon Musk, founder of Tesla, SpaceX and other companies, and a CEO leadership panel that touched on additional policies and investments needed to support economywide electrification and the importance of engaging regulators and customers to expedite investments.

CLIMATE ADAPTATION & RESILIENCY

Our approach to addressing climate change focuses on deliberate, risk-informed adaptation in addition to mitigation. As we have experienced firsthand in California, the effects of climate change are being felt today and are projected to worsen over the next 20 years and beyond.

With a focus on high-risk areas and considering vulnerable communities, SCE uses qualitative and quantitative methods to prioritize near-, medium- and long-term actions and associated investments. [Adaptation planning](#) at SCE looks across sectors to optimize societal benefits and the speed of risk reduction while managing affordability for our customers. In the near term, we continue to adapt SCE's system to the threat of [climate-change-driven wildfires](#).

Medium- & Long-Term Assessment

In May 2022, SCE filed a [climate adaptation vulnerability assessment \(CAVA\)](#), which evaluated the potential medium- and long-term impacts of temperature, precipitation, sea level rise, wildfire hazards and cascading events on our infrastructure and operations. The assessment — the first by a California investor-owned utility — used 10 California-endorsed global climate models as the best representation of climatic patterns and a conservative, high-emissions global warming scenario to ground this assessment. We also engaged with the community to inform the assessment, with a particular focus on our stakeholders in disadvantaged, vulnerable communities.¹ The 2022 CAVA continues to inform our adaptation actions.

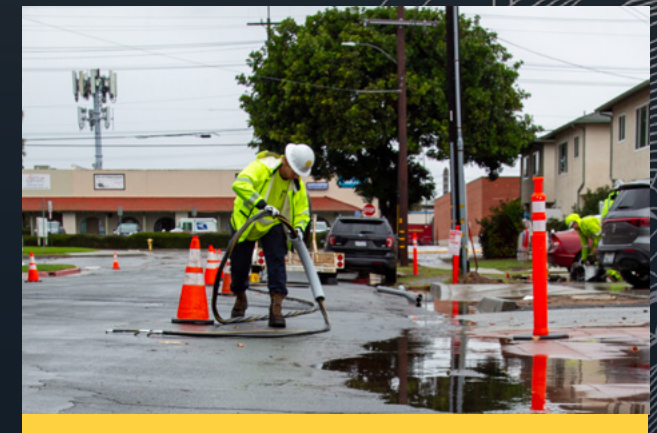
The CAVA's chief conclusions are that, by 2050, wildfire exposure could threaten transmission corridors, potentially leaving large swaths of customers without service for long periods; extreme precipitation events could threaten critical substations in flood plains; infrastructure and communities in some coastal areas will be at higher risk of flooding; and extreme heat days could reduce the capacity of the grid in some areas by up to 20%. To meet this new reality, infrastructure must be designed to withstand more intense storm surges and flooding, and new transmission lines must be constructed to bolster regional reliability under more severe wildfire conditions.

Another key finding relevant to planning is that electric grid design standards and planning practices used at SCE and throughout the industry are based on historical climate data, underestimating future conditions and associated risks. Future climate projections must be incorporated into planning processes to appropriately address chronic and acute climate risks, especially those related to long-lived assets and systems. Additionally, utility planning horizons should be extended from the typical timeframe of 10 years or less to at least 20 years, so investments in the near term can help address climate change risks in the long term. For a summary of key takeaways, see Edison International's [Adapting for Tomorrow: Powering a Resilient Future](#) white paper.

The CAVA's findings informed proposed adaptation investments across generation and T&D as part of SCE's 2025 [General Rate Case \(GRC\)](#), filed in May 2023. Longer term, SCE aims to incorporate climate projections into future operational investment plans.

GRC Proposal for Meeting Energy Demands with Resilience and Reliability

In 2023, SCE submitted a 2025 GRC to the CPUC. Priorities of the GRC include fewer outages, faster power restoration and continued improvements to the safe delivery of reliable electric service, all while enabling worker and public safety, protecting the electric grid against the impacts of extreme weather and strengthening the grid against threats like wildfire. The GRC balances the need to keep customer bills manageable with the necessary work to strengthen reliability, resilience and readiness to meet rapidly growing customer needs.



¹ Defined by the CPUC (D. 20-08-046, p. 119) as communities in the 25% highest-scoring census tracts according to the most recent version of the California Communities Environmental Health Screening Tool (CalEnviroScreen), as well as all California tribal lands, census tracts with median household incomes less than 60% of state median income and census tracts that score in the highest 5% of Pollution Burden within CalEnviroScreen but do not receive an overall CalEnviroScreen score due to unreliable public health and socioeconomic data.

Near-Term Actions

In the near term, SCE continues to make deliberate, risk-informed investments to adapt our system to the threat of climate-change-driven wildfires. In 2023, California experienced the second year in a row of relatively mild wildfire damage, a reduction in both severity and scale driven by preventive containment measures such as SCE's grid hardening, controlled burns and vegetation management. Still, nearly 325,000 acres burned in California in 2023, and we expect continued heat waves due to warming climate to sustain the threat of wildfire year after year. SCE will continue to prepare and harden the grid and work with partners to expand and enhance readiness measures.

SCE continues to harden the electric grid to promote safety, grid resiliency and system readiness for all growing climate-change impacts. We met or exceeded nearly all of SCE's wildfire mitigation goals in 2023. In 2023, based on analysis performed by a third party, SCE estimates that our wildfire mitigation and Public Safety Power Shutoffs (PSPS) have reduced the probability of losses from catastrophic wildfire linked to SCE equipment by 85% to 88% since 2018. Moreover, SCE's grid hardening and operational improvements have reduced reliance on PSPS to mitigate wildfire risks and the frequency, duration and impact of PSPS on customers.

Recognizing that wildfires, regardless of ignition source, pose a significant threat to public safety and electric infrastructure, SCE is actively involved with the EEI Wildfire Task Force where the president and chief executive officer of SCE, Steven Powell, serves as co-chair.

The task force, made up of electric companies with a vested interest in wildfire-related issues, provides a collaborative environment for the exchange of best practices in wildfire mitigation and works collectively to develop more comprehensive solutions for reducing wildfire risk. Electric companies, such as SCE, along with federal, state and local agencies, landowners, communities and other business sectors, are crucial partners in addressing wildfire risk. Effectively managing the risk requires unity of effort among all these key stakeholders, and SCE is helping to lead these efforts.

Pedro J. Pizarro, president and CEO of Edison International, serves as the co-chair of the Electricity Subsector Coordinating Council (ESCC). The ESCC is the principal liaison between the federal government and the electric power industry, working to prepare for and respond to national-level disasters or threats to critical infrastructure. They play a critical role in responding to wildfires, recognizing the growing threat posed by these natural disasters.

WILDFIRE MITIGATION PROGRAM IMPACT**70%**

fewer faults that could lead to ignitions on fully covered circuits using covered conductor^{1,2}

48%

lower defect find rate using high fire risk area (HFRA) inspection program⁴

31%

fewer tree-caused faults using expanded vegetation management³

100%

fewer structures destroyed in 2023 compared to 2017–2018⁵

See [Climate Adaptation: Additional Details About SCE'S Wildfire Mitigation Plan \(WMP\) & Other Climate Adaptation Activities](#) for more details on our approach.



¹ Covered conductor refers to power lines with a protective layer to guard against sparks that could ignite a wildfire.

² Measured by faults that covered conductor is expected to mitigate per 100 circuit miles on fully covered circuits as compared to bare circuits from 2018–2023 in HFRAs.

³ Measured by average monthly tree-caused circuit interruptions in HFRAs in 2021–2023 compared to the average from 2017–2019. In 2023, Southern California experienced significant impacts from seasonal rain and snowfall (e.g., Hurricane Hilary), which led to an increase of storm-related, tree-caused circuit interruptions in 2023.

⁴ Structures inspected annually have a lower defect find rate for conditions that could result in fires in 2023 as compared to 2019.

⁵ Measured as structures damaged or destroyed in wildfires that are associated with SCE's infrastructure during 2017 and 2018.

ENVIRONMENTAL & SOCIAL JUSTICE

Edison International believes that the clean energy transition has the power to create socioeconomic benefits for all, and we are working to help make the transition just and inclusive. We have a particular focus on supporting communities that are vulnerable to and face disproportionate economic, social, public health and other effects from climate change and other environmental hazards (i.e., ESJ communities).

Our approach to a just transition is focused on expanding access to jobs — at the company and in the economy more broadly — training, programs and services to ESJ communities, both at SCE and through Trio's¹ client engagements. Our efforts are focused on building a diverse talent pipeline, by expanding access to training for underrepresented talent through Edison International's philanthropic giving and investing in diverse business enterprises through SCE's supplier diversity program (see [Leading with Diversity, Equity & Inclusion](#) for more information).

Beyond expanding economic benefits associated with clean-energy-related work and contracting opportunities with underrepresented talent, SCE is focused on designing and implementing customer programs and services that provide clean-energy benefits to ESJ communities.

Supported by a strong commitment at the CPUC to include ESJ communities in its decision-making processes, we have strengthened our ability to gather early input from ESJ communities and to apply it to our work, as well as to raise awareness within ESJ communities of clean energy opportunities. To inform SCE's work, SCE engages regularly with its Community Advisory Panel and Clean Energy Access Working Group (see [Stakeholder Engagement](#)).

Trio advises clients to consider clean energy projects and programs that directly impact local communities where they are based. Trio works to quantify the impact of any given project by conducting ESJ diligence throughout the procurement process to highlight minority- and women-owned business enterprise suppliers, as well as community impact initiatives pursued by projects and their developers.



See [Community Investment & Partnerships](#) to learn more about Edison International's philanthropic focus on underserved communities.



Find more information in our [2023 Supplier Diversity Annual Report & 2024 Annual Plan](#).

¹ Formerly known as Edison Energy, Altenex Energy and Alfa Energy, the group has unified under the new name "Trio", operating under Edison Energy, LLC, an indirect, wholly-owned, non-utility subsidiary of Edison International, to enhance its global sustainability and energy advisory services. Trio is not the same company as SCE, the utility, and Trio is not regulated by the CPUC.



LEADING WITH DIVERSITY, EQUITY & INCLUSION

Our people are central to our success today and tomorrow. As we accelerate a clean energy future, Edison International is diversifying our workforce and investing in an equitable and inclusive culture where everyone can thrive.

THE POWER OF OUR PEOPLE

Edison International's dedication to diversity, equity and inclusion (DEI) is longstanding. We know that our ability to safely deliver reliable, affordable and clean energy to our customers depends on a healthy culture in which everyone can do their best work. Our comprehensive DEI strategy guides our efforts to build an inclusive workplace that encourages the innovation, teamwork and continuous improvement that is critical to our shift toward a clean energy future.

OUR COMMITMENT TO A DIVERSE, EQUITABLE & INCLUSIVE CULTURE

Our commitment to DEI extends from our Board to our employees at all levels of the company.

Accountability for DEI is upheld through the following mechanisms:

- The Board reviews our DEI program annually and monitors our commitments, metrics and trends related to workforce representation, pay equity, advancement opportunities and employee sentiment.
- Edison International's chief human resources officer, who reports to the president and CEO, leads the company's strategic approach to DEI.
- A DEI director at SCE leads a group of four dedicated DEI professionals and oversees day-to-day efforts to achieve integration of DEI into our business practices.
- SCE's culture teams, Trio's¹ DEI Task Force and our business resource groups (BRGs) inform the necessary work.
- Structured initiatives are the catalyst for driving engagement, fostering inclusion and effecting positive business change. In 2024, we added to this structure through the inclusion of DEI priorities in the annual Performance Development Plans of BRG leaders and executive sponsors. Through this elevated accountability, we are collectively creating a diverse tapestry of talent that is driving innovation and building a more diverse and equitable workplace.

¹ Formerly known as Edison Energy, Altenex Energy and Alfa Energy, the group has unified under the new name "Trio", operating under Edison Energy, LLC, an indirect, wholly-owned, non-utility subsidiary of Edison International, to enhance its global sustainability and energy advisory services. Trio is not the same company as SCE, the utility, and Trio is not regulated by the California Public Utilities Commission (CPUC).

Building a Workplace That Works for Women

In 2023, we made progress across several of our DEI goals and commitments — including those on gender equity in leadership and pay.

In 2016, we partnered with the Paradigm for Parity[®] coalition to set a goal to achieve gender parity in executive roles by 2030. Since then, women's representation in executive positions has increased from 27% to 39%. In December 2021, our Edison International Managing Committee achieved gender parity, which was maintained through 2023. The Edison International Board of Directors achieved gender parity among its independent directors in April 2022 and maintained it through 2023.

Since gender equity can only be achieved with everyone's involvement, we started Men Advocating Real Change

(MARC) Dialogue Teams in 2021. MARC is a voluntary allyship program led by SCE's DEI team and Women's Roundtable BRG to engage men in DEI efforts at a grassroots level. While it addresses the importance of effective gender partnership and the need for men's involvement in gender equity, MARC addresses other core elements of DEI as well: creating space to learn about both personal and perceived systemic barriers to inclusion, developing inclusive leadership behaviors and skills to create a healthy work environment for all and committing to action.

Since launching the program, 53 employees have gone through the two-year program, while 19 other teams meet regularly. In a survey of participants, 98% of respondents indicated they would recommend the program to their colleagues, while 96% deemed the program to be impactful.



“ Participation in the MARC program has opened my eyes, ears and heart to the day-to-day workplace challenges faced by my female colleagues that are very different from my own and strengthened my allyship in working toward gender equity at SCE. ”

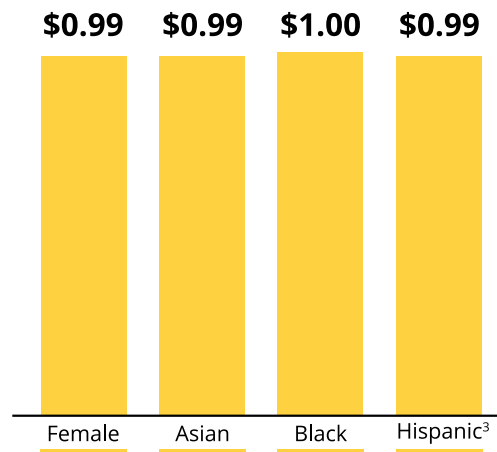
JEFF SHILES, Principal Manager, technology portfolio management and male ally strategy team co-lead

Pay Equity

Our commitment to pay equity and to helping reduce the national pay gap is exemplified through our transparent approach. We continue to conduct a pay equity review every year and are proud to report the following:

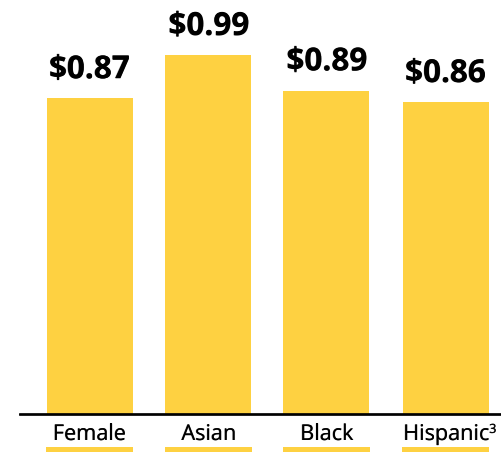
PAY COMPARISON^{1,2} FOR EMPLOYEES IN SIMILAR ROLE

Pay for employees in a **similar role** compared across groups (e.g., female compared to male, racially/ethnically diverse compared to white)



PAY COMPARISON^{1,2} FOR EMPLOYEES IN THE SAME GROUP

Pay for employees within a group compared to all employees in another group, **without regard to role** (e.g., female compared to male, racially/ethnically diverse compared to white)



The pay differential for employees in the same group is a function of representation. For these groups, underrepresentation in higher-paying roles drives the lower pay ratio. To address this, we are growing a diverse talent pipeline through our recruitment efforts and companywide development programs.

¹ Data shows female compared to male, and Asian, Black and Hispanic compared to white; the overall wage ratio is based on an average of wage ratios from four groups: Edison International, Trio, SCE and executives. Pay comparison for employees in the same group calculated using sample size weighting. Trio is not the same company as SCE, the utility, and Trio is not regulated by the CPUC.

² Race/ethnicity data reported reflects staff working in the U.S., which comprises 98% of Edison International's workforce; gender data reported reflects 100% of Edison International's workforce.

³ Population who selected "Yes" for "Hispanic Origin" on Question #8 of the 2020 census.



Workforce Attraction, Development & Engagement

Our commitment to building a high-talent, diverse workforce doesn't stop at recruitment. We also focus on career advancement and leadership opportunities for all members of the Edison team. These efforts include rethinking how DEI fits into existing processes such as our annual performance and development cycle. As an example, our Talent Accelerator program pairs high-potential, underrepresented talent with senior-level leaders who help advocate for their growth and increase their visibility in the organization over the course of 18 months.

Recruiting & Retaining Diverse Talent in a Tight Labor Market

Edison International's Talent Acquisition team works diligently to recruit a diverse workforce, a task that is even more critical in a competitive labor market. In 2023, we built on these strategies to specifically bring more women and Black employees to Edison International.

Partnering with the [Forté Foundation](#), we had our first-ever 2023 MBA Leadership Development Cohort composed entirely of women. We also attended the National [Society of Women Engineers](#) Conference in 2023 where we successfully recruited several women for engineering internships.

We continue to work with Historically Black Colleges and Universities to open career pathways for Black talent. In 2023, we expanded our partnership with Howard University to include a \$25,000 scholarship for students.

We actively promote a growth culture where employees of all levels participate in development programs that enhance communication skills and psychological safety, fostering the growth and development of our workforce. We understand that retention is as critical as recruitment, and we encourage employees to utilize all learning and development opportunities to become the next generation of inclusive and forward-thinking leaders. Edison's My Learning technologies provide tools such as the Leadership Development Journey Assessment, offering self-development resources to enhance skills and leadership capabilities, driving careers to the next level.

In 2023, approximately 31% of our employees participated in at least one career development offering, such as workshops, mentoring, career assessments or career coaching. Nonrepresented employees who met with a career coach had greater success in getting the offer in the competitive hiring process and had greater success with internal mobility. A successful career is uniquely determined by one's values, motivations, capabilities and interests. At Edison, we support all employees with the tools and resources to define what career satisfaction means to them. We leverage our external partners, such as the [Association of Women in Water, Energy and Environment](#), to offer mentoring programs and networking opportunities.

Learn more about our workforce development programs in [Part II](#).



Supporting the Difference-Makers of Tomorrow

We invest in the next generation of talent through the Edison Scholars Program. In 2023, we awarded 30 high school seniors — all residents of SCE's service area — \$50,000 each to pursue their passion in science, technology, engineering and mathematics. This is an increase from the 2022 scholarship of \$40,000 per student. The 2023 Edison Scholars are tackling pressing challenges like embedding equity in artificial intelligence technology and adapting infrastructure for a zero-carbon future. Since 2006, we've provided more than \$15 million in scholarships to 760 students through this program. By supporting the difference-makers of tomorrow — the dreamers, inventors, guardians and pioneers — we're supporting a workforce that reflects the communities we serve.



Creating Space for Conversation & Action

Edison International's BRGs remain core to our DEI strategy. DEI is an important part of our business strategy, and our 12 BRGs have business plans that are aligned with advancing Edison's strategy through employee development, attraction, retention and community engagement. Additionally, our BRGs provide opportunities for respectful and candid conversations around issues that are important to their members. For example, following the tragic mass shooting in Monterey Park in January 2023, killing 11 members of the Asian community and injuring nine others, our ASCEND (Asian Pacific Islander) BRG immediately mobilized and offered two

forums for facilitated, safe-space conversations for those affected by the tragedy. These types of conversations give employees a voice to express their feelings, gain support from others and feel a sense of belonging.

Our BRGs also contribute to the communities where we operate, engaging with small businesses, local and professional organizations that are aligned with their backgrounds and share common goals. This engagement serves to elevate Edison's profile, raise awareness around issues of importance to the community and highlight career opportunities at Edison to attract a wide range of talent.

**COMMUNITY INVESTMENT & PARTNERSHIPS**

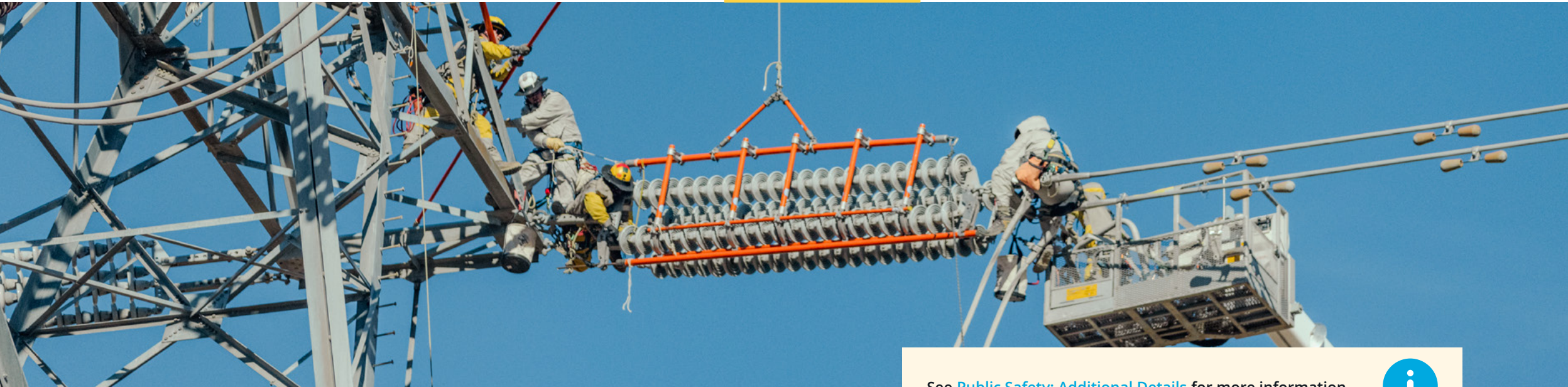
Our commitment to DEI goes beyond the workplace. We invest in the communities where we operate and leverage our position as a major contractor of goods and services to diversify our supplier base.

In 2023, we spent \$2.26 billion with diverse suppliers, representing 38.3% of our total supplier spend, an increase from 35.4% in 2022. It was the sixth consecutive year we spent more than \$2 billion with diverse suppliers. To learn more about our supplier diversity efforts, visit our [2023 Supplier Diversity Annual Report & 2024 Annual Plan](#).

Employees also fuel our efforts to give back to communities. During our annual Season of Service campaign, held between May and September, employees come together to volunteer for local nonprofits. After a day of volunteering, teams present each nonprofit with a \$5,000 grant from Edison International. In 2023, employees volunteered with local organizations led by our BRGs, including EcoIQ (environmental stewardship) and Latinos for Engagement, Advancement & Development.

Scholarships are another way we expand our community impact. Learn how we're creating opportunities through the [Edison Scholars Program](#) and our [Lineworker Scholarship Program](#).





See [Public Safety: Additional Details](#) for more information.



OPERATING WITH EXCELLENCE

From extreme heat to rising inflation, SCE's customers, employees and other stakeholders are facing new, unpredictable challenges. But they can count on Edison International and SCE's commitment to safely providing reliable, affordable and clean power.

SAFETY

Safety is Edison International's top value. We are committed to keeping the public, our employees and contractors safe.

Public Safety

When we deliver power to customers through SCE, our approach to public safety begins with forecasted investment in a safe and reliable grid of approximately \$38 billion to \$43 billion from 2023 through 2028. Risk-based decision-making helps prioritize upgrades, schedule maintenance and adapt the grid to the effects of climate change, including

wildfires. Through SCE's Reliability Operations Center (see [Reliability: Additional Details](#)), SCE leverages advanced analytics, such as artificial intelligence (AI) and machine learning (ML), to alert field crews of potential downed wires and to shut off power at the site, thereby reducing the public safety risk. To prepare for emergency situations, SCE's "All-Hazards" response plan establishes the framework for response to emergencies such as earthquakes, cyberattacks, severe weather patterns and pandemics.

SCE provides practical public safety information through a range of channels and works to improve upon this messaging to fit our stakeholders' needs. The most urgent priority in public safety messaging is helping people understand what actions to take — and avoid — when encountering electrical safety hazards. To best serve diverse communities, we translate public safety messaging into Chinese, Korean, Spanish, Vietnamese and other languages. Our monthly Customer Attitude Tracking Survey, administered by a third-party consultant, monitors the impact of this approach. We use this feedback to continually evolve our messaging and means of communication.

Edison International and SCE have an annual goal of no serious injuries to the public due to system failures. In 2023, we did not achieve this goal, due to two instances of public injury from contact with overhead energized wire.

Employee & Contractor Safety

SCE develops and implements a portfolio of safety programs and activities designed to eliminate serious injuries and fatalities (SIF), reduce all injuries, drive leadership ownership and accountability, and strengthen our safety culture. To ensure our portfolio is aligned to these objectives, we leverage a variety of data to evaluate and implement targeted safety programs and cultural efforts and equip employees with resources to safely perform their work.

Safety Performance

In January 2023, SCE had one fatality with an SCE employee tragically passing while on the job. Our SIF rate for employees increased by 1% compared to 2022, but a 2% decline compared to the previous three-year average. SCE makes efforts to eliminate SIFs and reduce all injuries. For example, we provide full-time employees with regular safety-related training, particularly for those who work in proximity to high-voltage electrical equipment and other high-risk activities. SCE uses employee safety culture assessments to measure progress toward improving safety culture and performance. In addition, SCE implemented a targeted safety plan in 2023 for certain high-hazard teams, resulting in improvements in leader field engagement and key safety leading indicators. SCE's localized leadership development efforts, which have been expanded to all transmission and distribution (T&D) work locations, aim to drive consistent safety behaviors and safe work practices from job planning to completion. These initiatives further equip leaders with skills to improve safety ownership and risk identification and mitigation.



In 2023, SCE also increased oversight of our contracted workforce through hiring of safety advisors and utilization of third-party observers. SCE implemented contractor initiatives to provide additional education on safe work practices and established programs to enhance risk awareness and promote better understanding of SCE expectations. SCE's contractor workforce had no fatality incidents in 2023. A contractor tragically lost his life on an SCE jobsite in April 2024. SCE is working with the contractor company to understand what happened.

SCE's days away, restricted or transferred (DART) rate increased by 25% in 2023 compared to 2022 and 41% compared to the previous three-year average. Injuries resulting in DART categories were up 25% among field workers compared to 2022 and 35% compared to the previous three-year average. In 2023, SCE implemented an industrial ergonomics program to evaluate and address the risk of musculoskeletal injury, treat early signs and symptoms of potential injuries and provide ergonomic education to reduce contributing factors that lead to DART injuries.

SAFETY PERFORMANCE

	2021	2022	2023
Employee Occupational Safety and Health Administration (OSHA) Recordable Rate	1.91	1.97	1.99
Employee DART Rate	1.03	1.16	1.45
Employee SIF Rate	0.061	0.087	0.088
Employee Fatalities	0	0	1
Tier 1 Contractor OSHA Rate ¹	0.57	0.43	0.53
Tier 1 Contractor DART Rate ¹	0.36	0.25	0.42
Contractor Fatalities ¹	1	1	0



See [Contractor Safety: Additional Details](#) for more information.



¹ Includes contractors managed by the decommissioning contractor engaged by SCE to undertake a significant scope of decommissioning activities at San Onofre Nuclear Generating Station.

Safety Culture Assessment

At Edison International and SCE, our safety culture is grounded in ownership and accountability, with the expectation that all employees consistently protect themselves and their team members and contribute to a safe work environment. We aim to sustain a culture in which employees feel empowered to speak up about safety concerns or hazards. Employee input helps us identify opportunities to improve our safety performance and inform targeted interventions.

A large portion of this work focuses on holding leaders accountable for fostering desired safety behaviors on their teams, particularly in our field organizations, which experience most of our SIFs. Building on the success of our 2022 deep-dive interventions at four T&D sites, in 2023 we expanded interventions to all districts and grids across T&D. These interventions equip field leaders with the resources to drive consistent safe work practices, from job planning to completion and post-job reviews, helping leaders to formally share safety expectations, coach their teams and recognize individuals for safe behaviors. As a result, we have recorded organization-wide increases in safety observations, allowing us to identify more opportunities for improvement.

SCE also conducts comprehensive safety culture assessments every three years and tracks progress as part of our [Sustainability Goals](#). Our 2023 Safety Culture Assessment indicated slight progress from 2020. Results reinforce that our focus on human performance and safety systems is working: most respondents now say that they make safe choices to protect themselves, not because it is required of them. This complements our Safety Culture Transformation Roadmap, which is guiding us toward a culture of voluntary, safe decision-making.

¹ Our 2023 Safety Culture Assessment indicated slight progress from 2020. Results reinforce that our focus on human performance and safety systems is working; most respondents now say that they make safe choices to protect themselves, not because it's required of them.



RELIABILITY

The grid hardening in high fire risk areas (HFRA) and operational enhancements have helped moderate improvements in SCE's reliability performance. As wildfire mitigation has stabilized, SCE is refocusing on the grid.



See [Reliability: Additional Details](#) for more details about SCE's approach to tracking reliability performance.

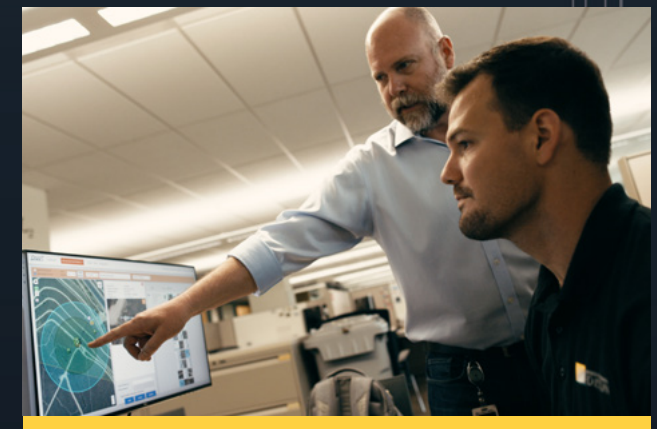


In 2023, SCE's reliability performance improved compared to 2022 as measured by these metrics: System Average Interruption Duration Index (SAIDI), System Average Interruption Frequency Index (SAIFI) and Customer Average Interruption Duration Index (CAIDI). The improvements were primarily driven by a reduction in conductor-related outages due to third parties and weather (likely attributed to investments in covered conductor and reduction in mylar balloon-related outages). In addition, 2023 was a more favorable weather year compared to 2022, which led to a decrease in the number of outages and a reduction in the number of customers who experienced outages.

In 2023, SCE continued to experience longer lead times due to material shortages, transportation constraints and labor shortages that are not utility specific. To maintain a robust inventory, we have been working to identify future demand for critical and long lead-time materials and prioritizing work based on forecasted availability of constrained material.

Using AI, ML to Track Extensive Network of Power Poles

SCE's service area contains more than 1.4 million power poles, some of which are nearing their end of useful life. To better manage assets, an SCE team of software developers created a data-remediation tool that utilizes AI and ML. The tool substantially reduces the need for manual processes to evaluate millions of photos and provides reliable data that is easily searchable. The tool is expected to save the company \$8 million and 170,000 worker hours. We submitted the tool as a case study to the 2023 Edison Award, an annual industry recognition managed by the Edison Electric Institute (EEI). EEI named SCE one of five U.S. and three international electric companies as finalists for the award.

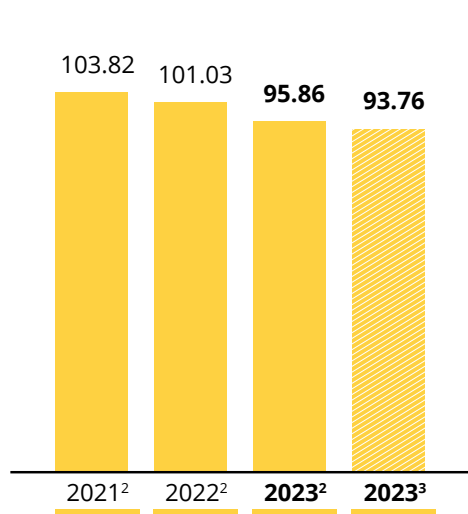




RELIABILITY PERFORMANCE

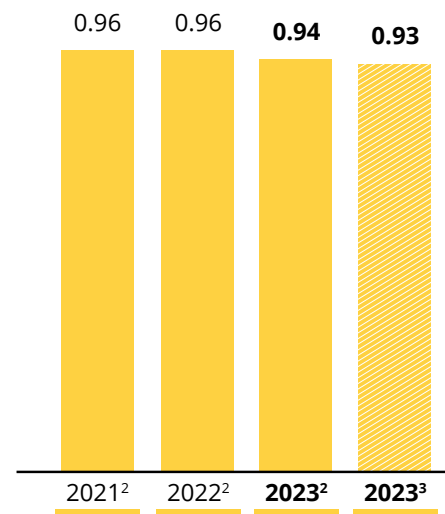
SAIDI¹

Cumulative Duration (in minutes) of Sustained Repair Outages Experienced by the Average SCE Customer in a Year



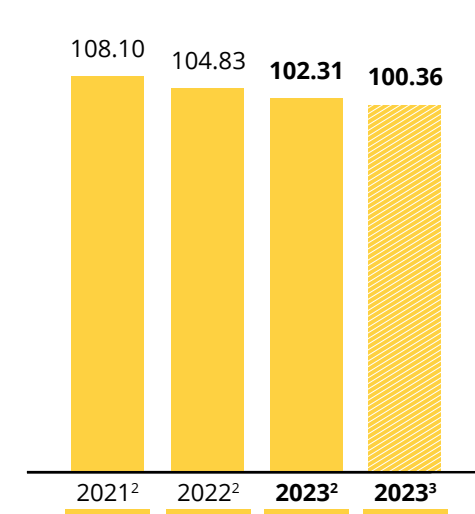
SAIFI⁴

Number of Sustained Repair Outages (power outage lasting longer than five minutes) Experienced by the Average SCE Customer in a Year



CAIDI⁵

Average Repair Outage Duration (in minutes) per SCE Customer Interruption (average time to restore service)



¹ SAIDI: A lower score means fewer cumulative minutes of interruption per customer and, thus, a better performance.

² Excluding Major Event Days (MEDs).

³ Excluding MEDs and Public Safety Power Shutoff (PSPS) outages on non-MEDs.

⁴ SAIFI: A lower score means a lower number of sustained outages per customer and, thus, a better performance.

⁵ CAIDI: A lower score means a shorter average duration per interruption and, thus, a better performance.

AFFORDABILITY

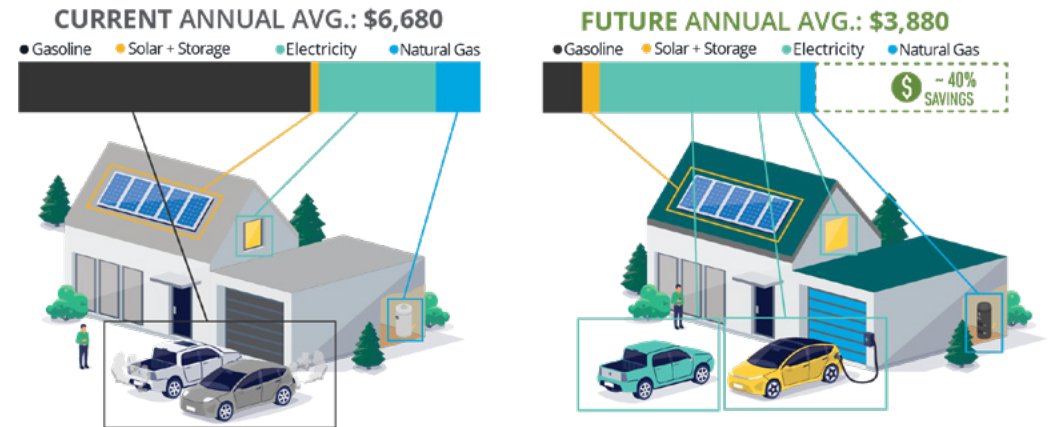
SCE is committed to making the clean energy transition affordable to our customers, especially those who are economically vulnerable and disproportionately bear the impact of climate change. To achieve our ambitious long-term goals, we are committed to operational excellence. We have proactively pursued cost-reduction efforts to manage affordability for our customers for more than a decade.

SCE continued to maintain the lowest system average rate among California's large investor-owned utilities.¹ Through March 2024, SCE raised rates — approved by the California Public Utilities Commission (CPUC) — by more than 2%² per kilowatt-hour, or an average of \$5.61 per month, for a typical residential (non-income-qualified) customer. SCE actively communicates to customers about rate increases and ways they can enroll in programs or change usage to reduce bills.

Providing accurate price signals through rates is also critical and can contribute to affordability. In late 2025, the residential rate structure with a fixed charge cuts the price customers pay for each unit of electricity, helping to make it more affordable for customers to use electric vehicles, stovetops, heat pumps and other clean energy solutions, regardless of income or where they live.

Through Operational Excellence, we have taken several strategic steps to optimize our operations.

- SCE has established a Wildfire Self-Insurance Program, which is expected to save approximately \$160 million annually. This program, which was approved by the CPUC, became effective in July 2023. It expands the use of customer-funded self-insurance, offering the potential for greater long-term savings.
- SCE has transformed the work planning process, specifically the inspection process. This transformation, which saves about \$55 million over the General Rate Case (GRC) cycle, involves inspecting approximately 216,000 HFRA structures every year. SCE has combined most ground and aerial inspections into a single 360° inspection, which maintains quality while enhancing safety and improving customer experience by reducing the number of times equipment is visited by SCE crews.
- SCE has achieved significant savings in procurement, approximately \$50 million cumulatively over 2025 to 2028, by reducing vendor and purchasing costs, such as switching healthcare benefit providers while maintaining the level of employee benefits and service.



These actions demonstrate our commitment to cost efficiency and operational excellence, leading to substantial savings across different areas of operation. We continue to explore further opportunities for cost optimization.

According to our updated [Countdown to 2045](#) analysis, while additional electricity usage will increase electricity expenses, savings from reduced or eliminated fossil fuel expenses will more than offset the increase for households that adopt electrified technologies. Relative to what the average SCE household pays today for electricity, gasoline and natural gas, combined energy expenses are expected to decrease by about 40% by 2045.

¹ For additional information, please refer to the following advice letters: SCE Advice 5235-E (effective March 1, 2024), PG&E Advice 7227-E (effective April 1, 2024) and SDG&E Advice 4366-E (effective March 1, 2024).

² The referenced 2% increase pertains to the period from October 2023 through March 2024.





MEETING THE MOMENT FOR LOWER-INCOME COMMUNITIES

Although the emergency phase of the pandemic is behind us, many of our customers continue to feel its financial impacts. The end of pandemic-related relief programs has left many struggling and needing support to pay bills and take care of other essentials. SCE distributed approximately \$900 million to support our customers through income-qualified programs.

In 2023, SCE stepped up to meet our customers' needs. Here are a few ways we helped:

- Rolled out additional, one-time bill relief for residential customers who incurred past-due balances during the pandemic. SCE's \$218 million allocation in federal pandemic relief went to about 348,000 customers in January and February 2023.
- Increased the maximum payment amount offered through our Energy Assistance Fund (EAF). The EAF provides one-time monetary assistance on energy bills to qualified customers — with new maximums of \$200 for gas and electric homes and \$300 for all-electric homes (up from \$100 and \$200, respectively).

- Under a new California state law, utilities will determine customers' bills through two main charges: a monthly fixed charge based on existing income-qualified programs and an energy charge based on the electricity a customer uses during a billing cycle. In April 2023, in compliance with the state law, SCE filed a proposal with the CPUC, which would provide bill relief for our approximately 1.2 million lower-income customers. In early May 2024, the CPUC unanimously decided to implement a fixed charge on electric bills. This means a standard fixed charge will be applied to all residential customers of SCE and other utilities under CPUC jurisdiction. This will take effect in late 2025 for SCE customers.

SCE also held a Community Forum in 2023 to educate our customers and community outreach partners on our income-qualified programs in order to help reach those most in need. More than 100 nonprofits and community organizations attended the event, including the Community Action Partnership of Orange County, The Climate Registry, Boys & Girls Club of Long Beach and the Native American Land Conservancy.

See [Affordability: Additional Details](#) for more details on income-qualified customer programs.



CYBER & PHYSICAL SECURITY

Energy providers are at the heart of a community's infrastructure, and any cyber or physical impact can have far-reaching consequences.

Threats to our business and energy infrastructure continue to evolve in a dynamic way; thus, so does our strategy to respond to these growing risks.

Recent high-profile cyber and physical attacks against the energy sector highlight the critical need for continuous investment in protecting the digital and physical aspects of our energy infrastructure. In 2023, Edison's Cybersecurity and Physical Security departments have come under one organization in information technology (IT), led by SCE's vice president and chief security officer. The unified security organization provides the company with

enhanced situational awareness and threat intelligence by delivering a more comprehensive and integrated security service for SCE.

The joining of the two teams also reinforces Edison's multilayered defense strategy. Our approach combines security awareness education, security countermeasures and close coordination among industry and government partners at all levels to prepare, respond and recover in the event of an incident that impacts the grid. Edison International has a strong history of partnerships across the electric power sector and with federal, state and local agencies to defend SCE's T&D network and generation infrastructure against physical and cyberattacks.

SCE tests our response to cyber and physical threats using preparedness drills from our Incident Response Plans, tabletop discussions regarding our insider risk program and participation in nationwide electric utility exercises such as Grid Security Exercise (GridEx), CyberGuard and others.



See [Cyber & Physical Security: Additional Details](#) for more information about our approach to cybersecurity.



Artificial Intelligence at SCE

SCE's vision is to use emerging AI technology to unlock Edison's potential to enable a clean energy future. By providing every employee with the knowledge and tools to handle tedious, repetitive and cycle-time-intensive tasks, we believe AI at SCE will allow us to focus on more strategic thinking and value-based solutions.

Building on existing AI capabilities, the addition of Generative AI (GenAI) has been a catalyst for SCE to identify hundreds of potential use cases that leverage this new capability. To balance these opportunities with operational, security and privacy risks, SCE has complemented its AI journey by focusing on a prioritized list of tools and use cases.



Our ambition is to be a fast mover on leveraging AI for the good of Edison and our customers.



TODD INLANDER

Chief Information Officer and Senior Vice President, IT

New GenAI productivity tools enabled at SCE¹ include:

- **EdisonGPT** — Internal, custom-built, ChatGPT-enabled chatbot, but private and for the enterprise. Able to reference documents, write essays, compose emails, summarize text, generate captions, translate languages and assist in writing, brainstorming or generating new ideas.
- **Microsoft Copilot for Web (formally Bing Chat Enterprise)** — Provides answers, insights, summaries, reports, presentations, emails and more.
- **Microsoft 365 Copilot** — AI assistant in Teams, Outlook, Word, Excel, PowerPoint, OneNote, Loop and Whiteboard.
- **Residential Energy Modeling Database Tool** — SCE leveraged AI to develop a program to simulate energy usage data for typical residential homes that allows SCE to model the impacts of customer changes, such as installing heat pumps or solar and storage.

AI Security & Privacy

While AI seeks to provide companies with major efficiencies and benefits, it is not without risks. For example, there are real and serious security and privacy considerations to the use of these powerful and rapidly changing technologies. SCE is taking steps to reduce these risks, including actively enhancing our policies, providing governance and training to address risks of emergent AI technology, establishing more secure, nonpublic instances of these new GenAI tools (EdisonGPT) and monitoring and complying with any associated regulations which may emerge.

Edison on the Front Lines of the War on Cyberattacks

Edison International fended off almost a billion unauthorized attempts to access the company's networks last year. Cybersecurity is a top priority throughout the company. We are leaders in creating resilient networks to support the grid, and we help every employee remain aware of the important role they play in cyber defense — identifying phishing attempts, reporting malicious cyber activity and protecting critical data.



¹ Non-exhaustive list, represents both established use cases and ones under development or consideration.

ENVIRONMENTAL STEWARDSHIP

Edison International is committed to preserving and protecting the environment and implementing sustainable business practices for the benefit of employees, customers and communities. SCE's environmental stewardship is grounded in a foundation of strong environmental compliance and continuous improvement.

To improve air and water quality, mitigate climate-change impacts, reduce waste, and protect and preserve biodiversity, natural habitat and cultural resources, SCE uses a holistic and comprehensive approach that aligns with the International Organization for Standardization (ISO) 14001 Environmental Management System (EMS) Standard. The EMS framework aims to minimize environmental impacts, reduce regulatory risks and operational costs and improve performance. In 2023, Edison adopted a new environmental operating model that streamlines project intakes and systematically tracks and implements environmental requirements and best management practices to ensure environmental stewardship in every aspect of our operation. Efforts such as SCE's Avian Protection Program — which relocates birds that nest on electric transmission and distribution equipment — bring together wildlife agencies, rehabilitation centers and help educate the public about conservation.

Our commitment to environmental stewardship and strategy extends to our supply chain partners. In 2023, SCE established a Contractor Environmental Management Procedure. This mandates that our contractors comply with our stringent environmental standards and sets forth

vendor selection criteria to guarantee alignment with our vision and commitment to environmental stewardship. As SCE intensifies its grid hardening and load growth initiatives in the forthcoming years, the involvement of our contractors will become increasingly vital.

Accordingly, SCE received Verdantix's Environmental Impact Award for our comprehensive environmental strategy that strengthens operational performance and mitigates emissions and environmental incidents, positioning Edison as an industry leader in environmental protection and stewardship.



Generations Work Side-by-Side to Restore Local Forest

In 2023, SCE's volunteer efforts brought the whole family together. To commemorate National Public Lands Day, SCE employees and their children worked to beautify part of the Angeles National Forest. The volunteers joined the [National Forest Foundation](#) and [TreePeople](#) to pick up garbage, remove graffiti and maintain trails. The National Forest Foundation emphasized how critical this work is to protect the forest's wildlife from the serious harm microplastics can present to their food and habitat. Volunteering also helped create a commitment to the environment and local communities that will span generations.





PART 2

ADDITIONAL
DETAILS



SUSTAINABILITY

Sustainability lies at the heart of our commitment to shaping a more resilient future. As a leading energy company, we recognize our responsibility to provide safe, reliable and clean energy solutions while reducing our environmental impact and delivering value to all our stakeholders. Our dedication to sustainability is not just a goal but an ongoing journey rooted in our culture. We have a robust sustainability governance framework that guides our actions and decision-making. And we regularly engage with customers, communities, shareholders and employees we serve to gain insights and stay responsive to their concerns.

MATERIAL ENVIRONMENTAL, SOCIAL & GOVERNANCE (ESG) TOPICS

Edison International's [2021 ESG materiality assessment](#) continues to guide our ESG approach, strategy and reporting.

The assessment identified 26 material ESG topics that reflect our significant economic, environmental and/or social impacts, or that substantively influence the assessment and decisions of our stakeholders.¹

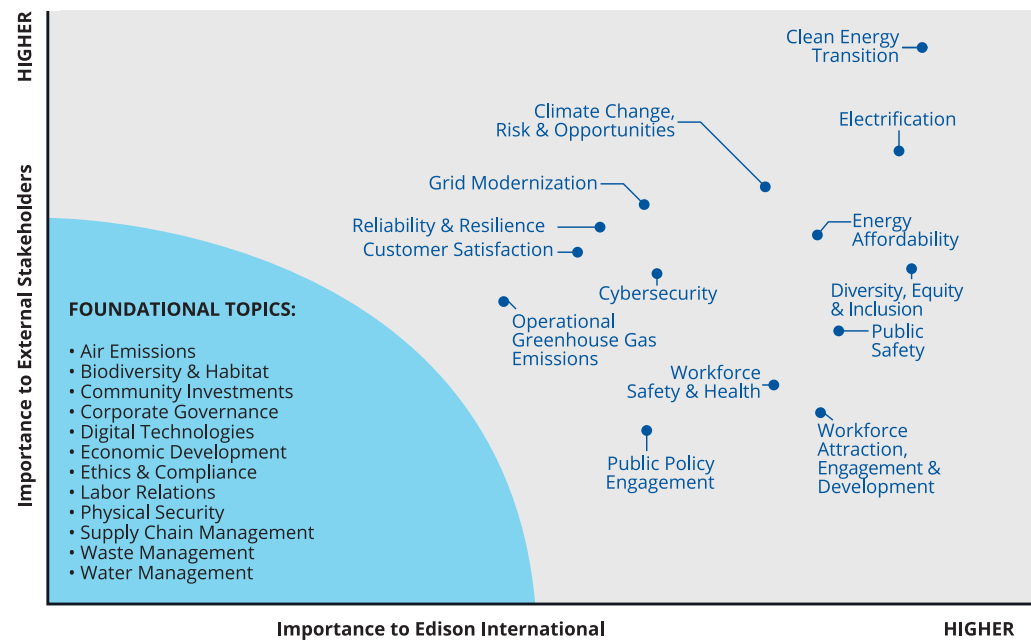
Our assessment included interviews with internal and external stakeholders. Internal stakeholders included Board directors, senior leadership, employees and employee groups. External stakeholders represented customers, shareholders, community partners and nongovernmental organizations, regulators and other government officials and suppliers.

The resulting matrix comparing internal and external stakeholder prioritization of the material ESG topics shows clustering in two groups:

1. Priority topics, in the upper right-hand section of the matrix, are consistent with our strategic priorities and the topics necessitating greater focus in terms of reporting, as well as the potential for further strategic analysis.
2. Foundational topics, in the lower left-hand section, are also important to the company and external stakeholders and will continue to be a focus for monitoring and reporting.

Internal and external stakeholders strongly aligned on the prioritization of the material ESG topics, and the results also aligned with our corporate strategy.

ESG MATERIALITY ASSESSMENT



¹ This is different from financial materiality, which is defined by the U.S. Securities and Exchange Commission, and these topics should not be construed as being characterized as financially material (see [About This Report](#) for more details).

UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS (U.N. SDGS)

The U.N. SDGs are a set of 17 interconnected objectives adopted by all United Nations Member States in 2015. These goals aim to address a wide range of global issues, with the objective of achieving a more equitable, prosperous and sustainable world by 2030.

Our major focus areas are SDG 7 — Affordable and Clean Energy and SDG 13 — Climate Action. Based on our materiality assessment and sustainability goals, we also include as focus areas underlying targets related to SDG 9 — Industry, Innovation and Infrastructure (specifically 9.1) and SDG 11 — Sustainable Cities and Communities (specifically 11.6) to reflect our commitment to building a resilient and modern power grid and to advancing electrification. We include disclosures herein related to these priorities. Finally, we make contributions across a broader set of SDGs, including, but not limited to, specific targets associated with SDG 5 — Gender Equality, SDG 8 — Decent Work and Economic Growth and SDG 10 — Reduced Inequalities (see [U.N. SDG Index](#) in the Appendix for more information).

OVERSIGHT OF ESG RISKS & OPPORTUNITIES

ESG issues are fundamental to our strategic approach and incorporated into topics reviewed at Board meetings and the Board's annual in-depth strategy meeting.

Edison International's Board of Directors reviews and monitors safety, climate change, environmental compliance, diversity, equity and inclusion (DEI), and other ESG risks and opportunities, including those arising from climate-related events that impact our business, such as wildfires, and provides direction and guidance to management on the mitigation of these risks. The Board and its committees have responsibility for risk and operational oversight of specific ESG-related issues (see table).

Edison International's director of sustainability, who reports to the executive vice president and chief financial officer, leads the company's approach to sustainability and integration of ESG issues into our overall strategy. The Edison International Managing Committee oversees the effort.

An executive-level sustainability steering group provides input and meets four to six times per year. Steering group members represent departments across SCE, including operational services, customer service, strategy, regulatory and public affairs, and energy and environmental policy, as well as teams at Edison International and shared services, such as human resources, corporate communications, sustainability, finance, corporate governance and others, on an as-needed basis. Trio¹ is also an important part of the enterprisewide program and provides input into the effort.

BOARD OVERSIGHT OF ESG ISSUES

Board of Directors	
<ul style="list-style-type: none"> Clean-energy strategy and climate-related legislation and regulation Wildfire risk reduction and other impacts of climate change Key objectives related to climate change, renewable energy, transportation and building electrification, and energy storage Corporate culture, talent planning and DEI initiatives Corporate goals related to safety, reliability, cybersecurity, grid modernization, capital spending and DEI program Cybersecurity trends, incidents and programs 	
Audit and Finance Committee	Nominating and Governance Committee
<ul style="list-style-type: none"> Key risks related to safety, wildfire, climate change and reliability Political and charitable contributions Ethics and Compliance programs, including employee HelpLine data and ethics survey results Capital budgets and spending 	<ul style="list-style-type: none"> Board composition and diversity Significant ESG trends and Board and committee oversight of relevant ESG issues Shareholder outreach efforts on ESG issues
Compensation and Executive Personnel Committee	Safety and Operations Committee
<ul style="list-style-type: none"> Incentive compensation goals related to wildfires and safety, clean energy, electrification, DEI and other ESG issues Talent, development and diversity of the pipeline for senior leadership 	<ul style="list-style-type: none"> Safety performance and culture, operational goals and risks Employee, contractor and public safety Electric system reliability, affordability and customer service Cyber and physical security Wildfire safety Climate adaptation

¹ Formerly known as Edison Energy, Altenex Energy and Alfa Energy, the group has unified under the new name "Trio", operating under Edison Energy, LLC, an indirect, wholly-owned, non-utility subsidiary of Edison International, to enhance its global sustainability and energy advisory services. Trio is not the same company as SCE, the utility, and Trio is not regulated by the California Public Utilities Commission (CPUC).

2023 PERFORMANCE INCENTIVES

The Board Compensation and Executive Personnel Committees of Edison International and SCE approve performance incentive awards based on safety, operational, financial and strategic goals. These goals relate to key areas of our clean energy strategy and core operations, including many of our material ESG topics.

The committees have increased the weighting of safety and resiliency annual incentive goals in recent years.

PROGRESSION OF ANNUAL INCENTIVE PLAN SAFETY GOALS

	2018	2019	2020	2021	2022	2023
Total target weighting of safety and resiliency goals	10%	30%	45%	50%	50% for Edison International 55% for SCE	50% for Edison International 55% for SCE

In addition, the committees have established an overarching goals framework, whereby the goals must be achieved while living the company's values, which include safety. Safety and compliance are therefore foundational, and events such as fatalities or significant noncompliance issues can result in the reduction or elimination of annual incentive awards for all or some plan participants, depending upon the committees' assessment of the circumstances.

Edison International and SCE ties pay to performance by making most officer compensation at risk.

2023 ANNUAL PERFORMANCE INCENTIVE AWARDS

SCE	TARGET SCORE FOR GOAL CATEGORY	EDISON INTERNATIONAL	TARGET SCORE FOR GOAL CATEGORY
Foundational Goals Includes goals related to safety, compliance and system operations	Target is no deduction	Foundational Goals Includes goals related to safety, compliance and system operations	Target is no deduction
Safety and Resiliency Includes goals related to employee safety, public safety, wildfire resiliency and cybersecurity	55%	Safety and Resiliency Includes goals related to employee safety, public safety, wildfire resiliency and cybersecurity	50%
Performance Management and Operational Excellence Includes goals related to business and clean energy strategy, including transportation and building electrification, DEI and other initiatives	45% (including 25% for the financial stability goal)	Performance Management and Operational Excellence Includes goals related to business and clean energy strategy, including transportation and building electrification, DEI and other initiatives	50% (including 40% for the financial stability goal)

Learn more about Edison International's annual incentive program, including corporate goals and performance and awards to named executive officers, in Edison International's [2024 Proxy Statement](#) (pp. 38–43).



STAKEHOLDER ENGAGEMENT

Edison International engages with customers, communities and public officials in the areas where we operate to raise awareness about and invite feedback on our programs and services. Employees and shareholders also provide important inputs into our program and approach, and we engage regularly on sustainability topics.

Our Partners

Edison International seeks input into our sustainability program and provides our own expertise through engagements with organizations that are strategically aligned and focused on advancing sustainability. Edison International is a member of several corporate sustainability networks, including Business for Social Responsibility and Ceres Company Network.

In addition, SCE is a member of the Electric Utility Industry Sustainable Supply Chain Alliance, and Trio¹ is a member of CDP, the Clean Energy Buyers Alliance and the American Council on Renewable Energy.

In addition to partnering with groups to advance sustainability, Edison International partners with and supports industry groups and other strategically aligned organizations to advance clean energy, particularly around electrification.

EXAMPLES OF PARTNERSHIPS TO ADVANCE OUR CLIMATE OBJECTIVES

NATIONAL AND INTERNATIONAL GROUPS	STATE GROUPS	REGIONAL GROUPS
Alliance for Transportation Electrification	Building Decarbonization Coalition	Breathe SoCal
Center for Climate Energy Solutions	California Electric Transportation Coalition	Climate Resolve
Edison Electric Institute	California Foundation	East Yard Communities for Environmental Justice
Electric Power Research Institute	CALSTART	Inland Southern California Climate Collaborative
National Electric Highway Coalition	Coalition for Clean Air	Los Angeles Cleantech Incubator
Smart Electric Power Association	Veloz	
The Climate Registry		
Zero Emission Transportation Association		

See [San Onofre Nuclear Generating Station \(SONGS\) Decommissioning](#) for information on how we're partnering to safely dismantle spent nuclear assets.



¹ Formerly known as Edison Energy, Altenex Energy and Alfa Energy, the group has unified under the new name "Trio", operating under Edison Energy, LLC, an indirect, wholly-owned, non-utility subsidiary of Edison International, to enhance its global sustainability and energy advisory services. Trio is not the same company as SCE, the utility, and Trio is not regulated by the CPUC.

Customer & Community Engagement

SCE regularly convenes advisory panels and discussion forums to promote open dialogue, strengthen relationships and better understand the diverse sets of customers, communities and stakeholders we serve. Panel members include a broad range of stakeholders across customer groups, community partners, regulators and industry stakeholders and give input into SCE's programs and incentives, support customer outreach and advise on topics such as strategies to reach underserved communities across SCE's service area. SCE also engages with a number of independent groups.

EXAMPLES OF SCE'S CUSTOMER & COMMUNITY ENGAGEMENT

STAKEHOLDER GROUP	EXAMPLES OF FORUMS	EXAMPLES OF 2023 ENGAGEMENT
<p>Community Partners / Nonprofits SCE connects with community-based organizations to solicit feedback on SCE programs and services and to coordinate outreach to customers, particularly those most vulnerable, around targeted initiatives.</p>	<ul style="list-style-type: none"> • Community Advisory Panel • Community-Based Organization Marketing and Outreach Group • Community Forum 	Stakeholders provided feedback on and support for community engagement related to SCE's wildfire mitigation and preparedness efforts, including outreach to diverse, disadvantaged and underserved communities.
<p>Business SCE connects with business groups through its own panels, as well as through industry forums, to solicit feedback on SCE programs and services and to understand existing and emerging business customer needs more fully.</p>	<ul style="list-style-type: none"> • Business Advisory Panel • California Large Energy Consumers Association¹ • California Manufacturers & Technology Association¹ • Executive Customer Briefings • Local chambers of commerce and business organizations¹ • Power Briefings • Small Business Advisory Panel 	SCE engaged on key issues such as transportation and building electrification, wildfire mitigation and preparedness, rates, Tariff Rule 29, demand response and resiliency planning, as well as receiving input on developing new programs and customer experiences.
<p>Government SCE connects with local government partners in both large-setting and focused discussions at various regional and statewide associations, as well as through SCE's own advisory panel, which is made up of 60 local government and tribal leaders, to help foster an open dialogue between SCE and local government entities.</p>	<ul style="list-style-type: none"> • California Association of Councils of Government¹ • California City Management Foundation¹ • California Special Districts Association¹ • California State Association of Counties¹ • CivicWell¹ • Institute for Local Government¹ • League of California Cities¹ • Municipal Management Association of Southern California and several other local government associations¹ • Rural County Representatives of California¹ • SCE Government Advisory Panel 	During 2023, SCE held four meetings with our Government Advisory Panel members, with three of those four being regional meetings, and one being an all-region meeting at end of year. Topics for these meetings included electric vehicle (EV) programs, energy affordability, equity and company update by Jill Anderson, executive vice president of operations for SCE.
<p>Multistakeholder / Issue-Specific Forums SCE connects with multistakeholder groups around targeted initiatives or topics to maintain two-way and ongoing dialogue on important topics to SCE and its stakeholders.</p>	<ul style="list-style-type: none"> • Clean Energy Access Working Group • Climate Resilience Leadership Group • Keystone Group¹ related to economic development • SONGS Community Engagement Panel • Southern California Leadership Council • Transportation Electrification Program Advisory Council 	Stakeholders and SCE engaged on topics specific to each forum.

¹ These are independent groups that SCE does not convene, but with whom SCE engages.

Shareholder Engagement

Edison International engages with our major institutional shareholders on strategy and financial and operational performance throughout the year. We also engage with these shareholders at least annually on corporate governance, executive compensation and ESG issues.

During the past year, we reached out to the investor stewardship teams of our top 25 shareholders, representing approximately 68% of our shares, and met with holders of approximately 46% of our shares. Several shareholders respectfully declined our request, noting they did not feel engagement was needed. Topics discussed during these engagements included:

- Progress on our clean energy strategy and wildfire risk mitigation
- Board composition, skills, refreshment and oversight priorities
- Political engagement and lobbying policies, oversight and disclosure
- Executive compensation goals, incentives and metrics
- ESG goals, reporting and disclosure

The shareholders we engaged with offered constructive feedback on our governance, executive compensation and sustainability initiatives, which was subsequently shared with the Board and its Compensation and Executive Personnel and Nominating and Governance Committees.

Employee Engagement

Our employees are essential to driving positive change, and we encourage them to participate in the company's sustainability efforts. Engagement occurs in a number of ways, including through business resource groups (BRGs) such as EcoIQ, the company's BRG focused on environmental stewardship, and regular, cross-organizational meetings for employees working on or interested in sustainability.

SUSTAINABLE FINANCING ACTIVITIES

Edison International's [Sustainable Financing Framework](#) aligns with the four core components of the International Capital Market Association Green Bond Principles and Social Bond Principles.

The Framework enables us to align capital-raising activities with sustainability principles. The eligible projects identified in the framework cover a substantial portion of our capital plan, including transmission and distribution infrastructure for the interconnection and delivery of renewable generation using our grid, our EV charging infrastructure programs and grid modernization and resiliency investments. SCE has issued four series of bonds under the Framework to date, totaling \$2.1 billion.

In June 2022, we published our first [Sustainable Financing Report](#) in line with the commitments detailed in the Framework. This report included the full allocation of SCE's 2021 Series Bonds and a partial allocation of the 2022 Series Bonds. The [June 2023 Sustainable Financing Report](#) covers the full allocation of SCE's 2022 Series Bonds proceeds. Both reports describe an estimate of the expected environmental and social impact across renewable energy, clean transportation, energy efficiency and carbon reduction, climate change adaptation, and socioeconomic advancement and empowerment projects funded.

Additionally, SCE Recovery Funding LLC, a special purpose entity wholly owned by SCE, has issued three series of Senior Secured Recovery Bonds which enabled SCE to refinance a portion of wildfire risk mitigation capital expenditures. Two of the Senior Secured Recovery Bonds series, Series 2022-A and Series 2023-A, were issued as Green Bonds. While these bonds were not issued under the Framework, as the lookback period extended beyond the conditions of the Framework, the types of eligible projects funded through the bonds are consistent with the climate change adaptation category of the ICMA 2021 Green Bond Principles and may also be eligible projects under the Framework. This [February 2023 Sustainable Financing Report](#) highlights the full allocation of the \$533 million Series 2022-A Recovery Bonds and metrics associated with their wildfire risk mitigation impact. The full allocation of the \$775 million Series 2023-A Recovery Bonds, including metrics associated with their wildfire risk impact, can be found in the [prospectus](#).

CLIMATE CHANGE

CLIMATE CHANGE MITIGATION: ADDITIONAL DETAILS

California's Global Warming Solutions Act of 2006 (AB 32) mandates its Air Resources Board (CARB) to update its climate change scoping plan at least every five years to outline the state's strategy for meeting economywide climate goals. The 2022 Scoping Plan for Achieving Carbon Neutrality was approved by CARB on December 15, 2022. This update lays out a path to achieve targets for carbon neutrality and reduce anthropogenic greenhouse gas (GHG) emissions by 85% below 1990 levels no later than 2045, as directed by the 2022 California Climate Crisis Act (AB 1279). The Scoping Plan Update also includes a target for building electrification requested by Governor Newsom, including 3 million all-electric and electric-ready homes by 2030 and 7 million by 2035, as well as installing 6 million heat pumps statewide by 2030. These reflect SCE's strong advocacy for a quantifiable heat pump goal.

AB 32 has also enabled CARB to establish two more significant, market-based climate policies for the state: the cap-and-trade and the low-carbon fuel standard (LCFS). The cap-and-trade incentivizes emissions reduction and works by auctioning allowances to entities in the energy and industry sectors, amounting to approximately 80% of the state's GHG emissions. The available amount of these allowances are set to decline by 4% a year. The LCFS targets the transportation sector by employing a fuel carbon intensity reduction and incentivizing the adoption

of cleaner fuels. Together, these policies contribute to comprehensive efforts to mitigate climate change and transition to a low-carbon economy. SCE is a major participant in both programs and regularly advises CARB and other stakeholders on how to improve these policies based on the findings from the [Countdown to 2045](#) report and other internal SCE policy analyses.

Similarly, SCE's focus on accelerating transportation electrification continues to align with the Governor's Executive Order N-79-20, requiring 100% of in-state sales of passenger cars and trucks to be zero-emissions by 2035 and 100% of medium- and heavy-duty trucks by 2045. SCE continues to support CARB's efforts to accelerate zero-emissions vehicles through the Advanced Clean Fleets regulation, CARB's public process to increase the stringency and scope of the LCFS, and other avenues.

CARB also maintains the state's GHG emissions inventory, covering seven of the nine Kyoto Protocol GHGs¹ and all anthropogenic emissions in California, plus imported electricity.² All of Edison International's California-based emissions, plus electricity that SCE imports, are included within the inventory. The inventory is consistent with the United Nations Intergovernmental Panel on Climate Change (IPCC)³ practices, which enables comparison with other national and international inventories.

SCE's analysis indicates that California needs to achieve 80% carbon-free electricity by 2030 along with GHG emissions reductions in other sectors through electrification to affordably meet the state's GHG emissions-reduction targets. The 100% Clean Energy Act of 2018 (SB 100 and SB 1020) requires that renewable energy and zero-carbon resources supply 100% of electric retail sales to end-use customers by 2045, with an interim goal of 60% by 2030. SB 1020 sets interim targets of 90% carbon-free retail sales by 2035 and 95% by 2040. SCE has been advocating, as part of an economywide approach, for California to go beyond its interim 2030 goal of 60% renewable portfolio standard (RPS)-eligible power delivered to customers and to enact complementary policies that reduce emissions from transportation and buildings through electrification. The California Public Utilities Commission (CPUC) has adopted a decision based on an integrated resource planning (IRP) process created by Senate Bill 350 (2015) to encourage the electric sector to meet California's GHG emissions-reduction goals. The approved IRP decision adopts electric sector planning targets of 30 million metric tons (MMT) of GHG emissions by 2030 and 23 MMT by 2035, which equates to 73% RPS resources and 86% GHG-free resources by 2032. California's 2022 Scoping Plan also underscores this approach.

¹ The inventory includes estimates for carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O), and fluorinated gases with high global warming potentials, which includes hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), sulfur hexafluoride (SF₆) and nitrogen trifluoride (NF₃).

² Current California GHG Emission Inventory Data, CARB (<https://ww2.arb.ca.gov/ghg-inventory-data>).

³ The United Nations IPCC is the United Nations' body for assessing the science related to climate change (see <https://www.ipcc.ch> for more details).

We believe this approach should get the state closer to the level of GHG emissions reductions necessary by 2030 to achieve the state's long-term climate goals. As noted in Edison International's *Mind the Gap* (2021) white paper, however, other policies are also needed to achieve these long-term goals. We published our [Countdown to 2045](#) analysis to reflect current assumptions and state policies. The paper reinforced the need for California to address feasibility challenges through policy changes and technology developments, so the state can affordably meet its goals.

In 2023,

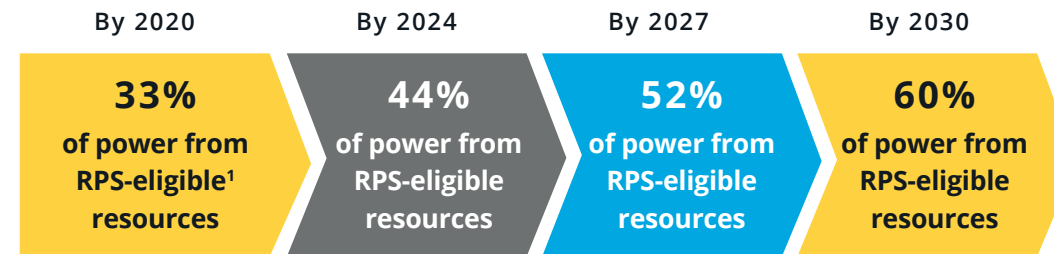
52%

of SCE's power is estimated to have come from carbon-free sources, including RPS-eligible resources.

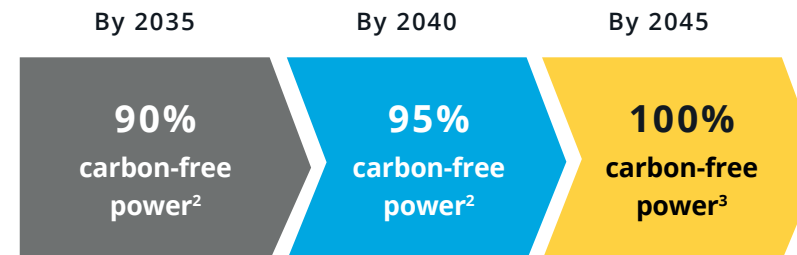
See [Leading the Clean Energy Transition](#) for more information about Edison International's climate change strategy and performance.



SCE IS REQUIRED BY THE CALIFORNIA RENEWABLES PORTFOLIO STANDARD (RPS) PROGRAM TO MEET THE FOLLOWING RETAIL SALES MILESTONES FOR THE POWER IT DELIVERS TO CUSTOMERS:



CALIFORNIA'S CLEAN ENERGY ACT OF 2018 (SB 100 AND SB 1020) REQUIRES CALIFORNIA TO PLAN FOR THE FOLLOWING CARBON-FREE POWER RETAIL SALES MILESTONES FOR CUSTOMERS:



¹ The California Energy Commission (CEC) determines eligibility criteria for RPS-eligible energy (see <https://www.energy.ca.gov/programs-and-topics/programs/renewables-portfolio-standard/renewables-portfolio-standard-0#accordion-1822> for more details).

² The Clean Energy, Jobs, and Affordability Act of 2022, Senate Bill 1020 (SB 1020, Laird), September 19, 2022 (https://leginfo.ca.gov/faces/billNavClient.xhtml?bill_id=202120220SB1020).

³ The 100 Percent Clean Energy Act of 2018, Senate Bill 100 (SB 100, De León), August 29, 2018 (https://leginfo.ca.gov/faces/billNavClient.xhtml?bill_id=201720180SB100).

DELIVERED POWER MIX & GHG EMISSIONS: ADDITIONAL DETAILS

SCE is a major player within California's competitive energy landscape, which includes the state's three major investor-owned electric utilities, dozens of other LSEs, such as public utilities and community choice aggregators, and hundreds of independent power producers, such as natural gas operators and solar plants.

In addition to these players, the California Independent System Operator (CAISO), California Energy Commission (CEC), California Public Utilities Commission (CPUC) and the California Air Resources Board (CARB) play a role in keeping the lights on statewide and helping the state meet its clean energy and climate goals:

- The CAISO controls and is responsible for balancing the grid that covers most of California (i.e., matching available power supply with customer demand in real time and keeping power flowing on a daily basis).
- The CPUC is responsible for medium- and long-term planning, putting policies and requirements in place to encourage LSEs, including SCE, to bring enough resources, such as wind and solar energy, to the market to meet customer demand.
- The CEC oversees proposed energy infrastructure and the state's RPS and energy-efficiency programs, among other things.
- The CARB is the state agency charged with developing programs and actions to control air pollution and fight climate change. It oversees the cap-and-trade program, the LCFS and the zero-emissions vehicle program; sets the state's air quality standards; and measures statewide progress in addressing climate change.

These entities have different responsibilities, and we work closely with them to meet our collective goal to provide reliable, affordable and clean power to customers safely.

SCE's power mix includes both specified and unspecified energy resources. Specified energy resources can be traced back to the generation source from an accounting perspective. These consist predominantly of energy stemming from contracts SCE enters into with third-party generators, such as solar or wind facilities, to meet clean energy requirements, or natural gas generators to meet reliability requirements. Generation from SCE's own plants is also considered specified energy. SCE makes its plants available to the CAISO on an economic dispatch basis, which means the CAISO will call on them to run when it is cost-effective to do so.

Unspecified energy resources are those that are purchased through CAISO's organized market and cannot be tied to a generation facility. Over the past decade, [SCE shut down the San Onofre Nuclear Generating Station](#), our nuclear plant, and divested entirely from coal generation. These actions have required new resources to fill approximately one-third of our power mix. SCE replaced a portion of this gap with renewable contracts to support meeting our long-term renewable energy and carbon-free power goals. However, in lieu of building or procuring new generation facilities or entering into medium- or long-term contracts to fill the remainder of the gap, we instead rely on

open-market transactions through the CAISO. This approach reduces the cost and administrative burden associated with plant ownership and contracting, while still allowing us to meet SCE's climate goals. Unspecified energy resources in our power mix stemming from these open-market transactions have increased from 15% to 26% or more since 2011.

Unspecified energy resources that service SCE's load are predominantly generated in California and consist of natural gas and renewable resources, like wind and solar, with more renewables added to the grid each year. This may include imported electricity from the broader Western Electricity Coordinating Council region, which includes generation resources from 14 western states, as well as the Canadian provinces of Alberta and British Columbia, and the northern portion of Baja, Mexico.

For a conservative approach that is consistent with World Resources Institute's GHG Protocol Corporate Accounting and Reporting Standard, SCE uses a CAMx average emissions factor to account for the emissions of unspecified energy resources in our portfolio. This emissions intensity factor is within the range of, though slightly lower than, the average emissions intensity factor of a natural gas plant (see [Managing Our Operational Carbon Footprint](#) for more information about our GHG emission inventory).

SCE's long-term resource planning, including the need for new energy procurements, is approved via proceedings at the CPUC, and when procurement happens, it is then recovered as a passthrough rate. SCE does not profit from the sale of electricity (i.e., customers pay the direct energy cost). The [IRP](#) proceeding is the central regulatory forum to help SCE's long-term resource plans meet reliability needs, state-designated GHG emissions-reduction requirements and other factors for SCE's projected load in the most affordable way. SCE files an IRP every two to three years. Our most recent IRP was filed in 2022.

Owned Generation & Storage Assets

SCE is wires-focused, with less than 20% of electricity sales coming from our own generation. SCE-owned generation assets consist of a portion of the Palo Verde nuclear plant in Arizona, natural gas plants, hydroelectric plants, battery energy storage, solar rooftop installations and a small diesel plant to serve Catalina Island.

Our natural gas assets are all based in Southern California and are SCE-owned and operated. These plants are clean and efficient, in compliance with California regulations.

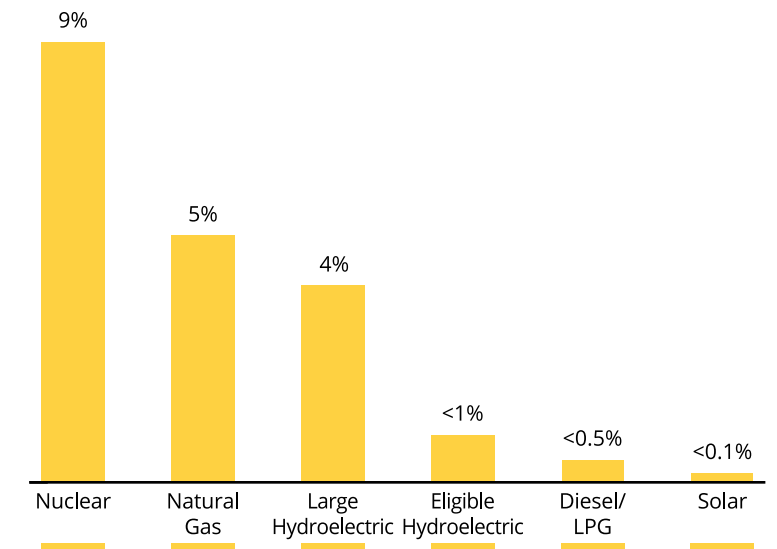
SCE's largest plant, Mountainview Generating Station, is a 1,110 megawatt (MW) efficient natural gas combined cycle resource. To further enhance its efficiency and environmental performance, SCE has upgraded the steam turbine control software and installed a steam turbine shell warming system. SCE also operates five natural gas-fired peaker plants — power plants that are turned on only when energy demand is peaking. Two of these peaker plants, in Norwalk and Rancho Cucamonga, use enhanced gas turbines, which operate with an award-winning battery hybrid system. The technology can avoid burning fuel while still providing spinning reserves and delivers annual reductions in criteria pollutants and GHG emissions as compared to [peakers](#) that do not use the same technologies.

SCE's largest hydroelectric resource is Big Creek, located in the Sierra Nevada mountains. Through water planning and control system improvements, we have enhanced the flexible operation capacity of Big Creek. The improvements enable Big Creek to provide ancillary services that help integrate renewable energy resources into the grid.

SCE also operates two 10 MW/40 megawatt-hour battery energy storage systems and is in the process of adding three large battery energy storage systems (538 MW) and some smaller battery energy storage systems to our portfolio.

In 2023, less than 20% of power delivered to SCE's customers is estimated to have come from SCE's utility-owned generation.

SCE'S ESTIMATED OWNED GENERATION MIX AS A PERCENT OF DELIVERED POWER IN 2023¹



¹ This is an estimate of SCE's owned generation mix as a proportion of delivered power in 2023. The estimate is based on the methodology prescribed by the CEC's Power Source Disclosure Program (PSDP) as of April 2, 2024. SCE's final PSDP report will be filed with the CEC on June 1, 2024, and may include data that differs from the estimate shown here to reflect subsequent changes or clarifications to PSDP's methodology and reporting template.

CLIMATE ADAPTATION: ADDITIONAL DETAILS ABOUT SCE'S WILDFIRE MITIGATION PLAN (WMP) & OTHER CLIMATE ADAPTATION ACTIVITIES

SCE submits an annual [WMP](#) to the Office of Energy Infrastructure Safety. The WMP outlines SCE's mitigation strategies and activities to reduce wildfire risk and protect public safety. SCE filed our 2023–2025 WMP on March 27, 2023. The 2025 WMP Update was submitted on April 2, 2024. SCE also continued to advance its climate adaptation activities following the submission of its 2022 Climate Adaptation and Vulnerability Assessment (CAVA), including requesting over \$100 million in adaptation investments focused on reliability and hardening in SCE's 2025 General Rate Case (GRC). Additionally, SCE continues to incorporate climate projections into key system and infrastructure planning processes, helping to ensure that future climatic conditions are reflected in longer-term system and infrastructure plans.

Below is a summary of SCE's 2023 accomplishments related to wildfire mitigation:

- **Hardened Infrastructure:** In 2023, SCE installed about 1,220 circuit miles of covered conductor, bringing the total completed to approximately 5,600 circuit miles hardening nearly 60% of SCE's overhead distribution lines in high fire risk areas (HFRAs). In 2023, SCE also installed or replaced approximately 560 fast-acting fuses, bringing the total completed to more than 14,200.
- **Vegetation Management:** SCE inspected 1.6 million inventory trees, of which more than 749,000 are in HFRAs. SCE performed trims, removed more than 13,700 trees, and inspected and cleared vegetation at more than 113,500 structures (where clearance is needed, and access is possible) in HFRAs.

- **HFRA Inspections:** SCE completed more than 203,000 distribution inspections and 28,000 transmission inspections from both the ground and air.
- **Situational Awareness:** SCE installed 114 additional weather stations in 2023, bringing the total to more than 1,730. Observations from our dense network of weather stations help build machine learning models to develop accurate weather forecasts. These weather models are used to precisely target Public Safety Power Shutoff (PSPS) events to reduce the number of customers affected and how long they experience de-energizations.
- **Risk Modeling:** Working with the modeling firm Moody's RMS, SCE estimates that as of year end 2023, our physical wildfire mitigation and PSPS have reduced the probability of losses from catastrophic wildfires linked to SCE equipment by 85% to 88% since 2018. Moreover, SCE's grid hardening efforts have reduced the contribution of PSPS to the overall wildfire risk reduction by one-third in 2023.

SCE is participating in the International Wildfire Risk Mitigation Consortium Hazard/Strike Tree Benchmarking & Best Practices Deep Dive Study to formulate a best practices process and approach for identifying, assessing and mitigating hazard/danger trees and for securing adequate funding from regulators to support implementation of that strategy.

The study is divided into two phases. The consortium issued the Phase 1 report (data collection and validation) in January 2024. Phase 2 (contextualization of results and strategy development) began in mid-February 2024. The goal of Phase 2 is to develop case studies, a database of hazard/strike tree strategies, tactics and performance metrics, and a best practice hazard/strike tree mitigation strategy report. The consortium anticipates Phase 2 to be complete in third quarter of 2024, and results should enable utilities to refine their programs and inform decisions about vendors, regulatory submissions, contracting strategies and more.

We've continued to enhance SCE's wildfire defenses by:

- Collaborating with the University of California (UC) Santa Barbara to develop new nowcasting (rapidly updating short-term weather forecasts) and observing capabilities that leverage SCE's expanding weather station network.
- Beginning new work with UC Santa Barbara and UC San Diego/SCRIPPS to advance weather forecast maturity by evaluating new technologies in the area of fine-scale weather modeling and ensemble forecasting.
- Partnering with the University of Colorado to develop a vegetation buildup index that shows where the potential for significant fire may occur over the next several months and up to several years.

Below is a summary of SCE's 2023 accomplishments related to other climate adaptation activities:

- **2025 GRC Request:** SCE has developed a plan to invest over \$100 million from 2025 to 2028 in climate resilience in our infrastructure to bolster reliability against climate-change-driven increases in flooding, wildfire and temperature impacts.
- **Planning Process Integration:** SCE continues to implement further integration of climate projections into key planning processes, such as the IRP and distribution substation plan. Climate-change impacts were also reflected in the *Countdown to 2045* results.
- **Climate Science Advancement:** SCE actively participates in the advancement of climate science in academic, industry and regulatory settings. As an example, SCE, as an expert user of climate data, is currently advising the climate science teams responsible for the development of California's 5th Climate Change Assessment. SCE is also an anchor member of the Electric Power Research Institute's (EPRI) Resilience and Adaptation Initiative, which seeks to strengthen the power sector's collective approach to managing climate risk to the power system.

Public Safety Power Shutoffs

During dangerous fire conditions such as high temperatures, high winds and fuel buildup, SCE preemptively de-energizes circuits, or portions of circuits. These PSPS de-energizations are a tool of last resort to mitigate wildfire risks. To reduce hardship to customers, SCE has and continues to focus on reducing the duration, frequency and impact of de-energization events through grid hardening, advanced weather and fire modeling, enhanced operations during events and customer support programs. In 2023, SCE had five PSPS de-energization events, with fewer than 34,000 customers impacted in total, and 92% less outage time in 2023 compared to 2020.

When using PSPS, SCE conducts community outreach to help customers and public safety partners prepare for PSPS events and other outages. SCE actively engages customers, particularly the Access and Functional Needs Community. Community Resource Centers and Community Crew Vehicles are available to support customers during PSPS events. We also maintain an interactive map of outages, including PSPS events, on our website and have made enhancements on our notification system to alert customers in PSPS regions ahead of potential de-energizations, with the intent to give as much notice as possible when feasible. SCE also provides relief in the form of free portable backup batteries to operate medical equipment, power station and generator rebates, hotel discounts, and access and functional needs support for eligible customers.

Sharing Best Practices on Wildfire Mitigation

Since California's devastating wildfires in 2017 and 2018, SCE has been working with other utilities to strategize how to reduce wildfire risk. SCE learned from utilities in Australia and other locations with similar risks and is now sharing our experience installing weather stations, utilizing high-definition cameras, hardening infrastructure, enhancing vegetation management and implementing other strategies. In partnership with customers, the state and other safety partners, SCE is helping mitigate wildfire risk.

SCE contributed

\$35 million

in funding for the Quick Reaction Force — a helitanker fleet representing technological advances that aim to suppress wildfires and contain their impact — nearly doubling SCE's contribution to regional fire agencies.

ENVIRONMENTAL & SOCIAL JUSTICE: ADDITIONAL DETAILS

SCE launched the Climate Resilience Leadership Group (CRLG) in 2021 to inform our CAVA. Through the CRLG, we engaged with community organizations and tribal members to solicit feedback on how potential climate adaptation and mitigation efforts undertaken by SCE might impact vulnerable disadvantaged communities.

SCE is now working with CRLG member organizations to provide opportunities to advance the adaptation capacity of local community leaders. These opportunities included our sponsoring CRLG member attendance and panel participation at the California Adaptation Forum and supporting three member organizations to develop joint community resilience centers. Capacity-building opportunities also include Edison International supporting climate adaptation grant writing through [Climate Resolve's Grant Writing Assistance Program](#) and serving as a key sponsor to the [California Resilience Challenge](#).

SCE also continued to collaborate with the Clean Energy Access Working Group (CEAWG) members. In recent years, the group identified a need for materials to help clean energy transition advocates explain the benefits of the transition to their communities. In 2023, we updated the group's focus to fill this gap, developing a [new Clean Energy Ambassador Guide](#) for community leaders. At the same time, the CEAWG maintained its existing focuses of informing Edison International proposals related to clean energy and jointly working on a common project.

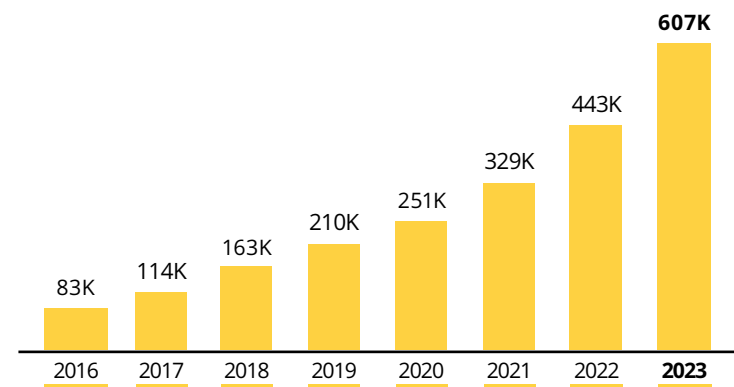
In 2023, SCE made approximately \$9.76 million available in customer incentives for installation of solar through the Solar on Multifamily Affordable Housing Program and the Disadvantaged Communities — Single-family Solar Homes Program.

STRATEGIC FOCUS AREAS: ADDITIONAL DETAILS

Electrification

We have continued to see growth in electric vehicle (EV) registrations in SCE's service area, with a 37% increase year over year between 2022 and 2023. Approximately 164,000 of the nearly 1.4 million EVs sold in the U.S. through 2023 were in SCE's service area. This acceleration is critical, both to our statewide GHG trajectory and to SCE as a provider of the electricity and infrastructure needed to support the transportation electrification transition.

GROWTH OF EVS IN SCE'S SERVICE AREA¹ Cumulative



SCE continues to support broad adoption of EVs in its service area with initiatives such as its pre-owned EV rebate,² which helps reduce barriers to EVs for lower- and moderate-income customers and helped inform the development of the used EV tax credit that was incorporated into the Inflation Reduction Act.

SCE, on behalf of the CPUC, is the contracting agent for the [Technology and Equipment for Clean Heating \(TECH\) Initiative](#), a \$170 million³ statewide initiative to accelerate the adoption of clean space and water heating technology across California homes. SCE was also selected as contracting agent and the fiscal agent for the [Self-Generation Incentive Program Heat Pump Water Heater program](#), an \$84.7 million statewide program, launched in 2023, that offers incentives for heat pump water heaters for residential households and businesses. There are funding allocations for costs in excess of Rule 15 and Rule 16 allowances available through the program for residential customers. To promote access and affordability, 50% of the residential incentive budget is allocated for equity customer installations.

Similarly, on behalf of the CEC, SCE is the fiscal agent (labeled the "contracting agent" in the decision) for the [Building Initiative for Low-Emissions Development \(BUILD\) Program](#), an \$80 million statewide residential building decarbonization program set to operate until July 2033 or until funding runs out. The program provides incentives and technical assistance to support the adoption of advanced building design and all-electric technologies in new low-income, all-electric homes and multifamily buildings.

¹ Approximate number of registered plug-in hybrid and battery EVs in SCE's service area. Data is as of December 2023 and represents annual light-duty vehicle sales provided by EPRI.

² Actual rebate amount is determined by battery size of the EV.

³ The TECH Initiative was initially funded with \$120 million of cap-and-trade funds, with an additional \$50 million allocated from the state in decision D.23-02-005.

Grid Modernization

To optimize grid planning decisions, SCE is preparing the grid for the varying demands presented by different regions. Effective grid planning requires SCE to strengthen our forward-planning capabilities to reduce uncertainty. We are improving our ability to track early indicators of key trends, such as EV sales, resource portfolio mix, climate model changes around temperature and precipitation, resource availability and new grid technologies.

SCE is updating our grid design to reflect heterogeneity of specific and localized needs. We are also evolving our ability to sectionalize, or isolate, certain components of the grid.

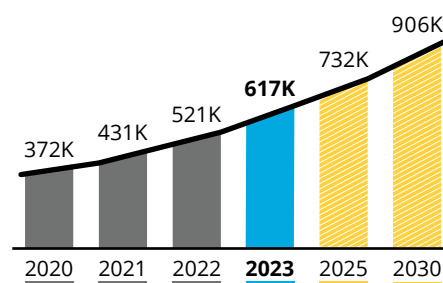
Expanding grid capabilities requires innovation, including within SCE's supply chain. SCE is working with our suppliers to develop hardware and software solutions that respond to the unique requirements of the grid in different regions or contexts. The grid also needs tools to handle the increasing complexity of future grid operations, such as more distributed energy resources (DERs) interconnected to the system. The grid will need to be equipped with sensors, high-speed and high-volume communications technologies, edge computing (i.e., a form of computing that operates on real-time data generated by sensors or users), predictive analytics and artificial intelligence.

Customer Solutions

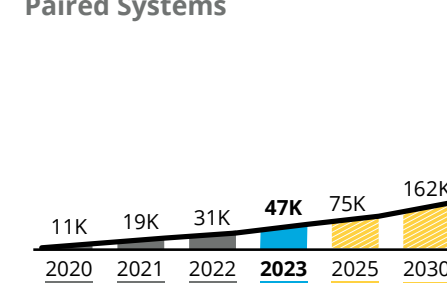
SCE is transforming infrastructure and operations to create a two-directional power system, enabling DER owners to supply carbon-free energy to the grid. Integrating DERs into the power distribution system benefits not only DER owners, but everyone connected to the grid. Delivering this energy at the right time, and in the right areas, can reduce the need for capital upgrades,

GROWTH (PAST AND PROJECTED) OF SELECT BEHIND-THE-METER DERS IN SCE'S SERVICE AREA Net Energy Metering (NEM) — Cumulative Installs

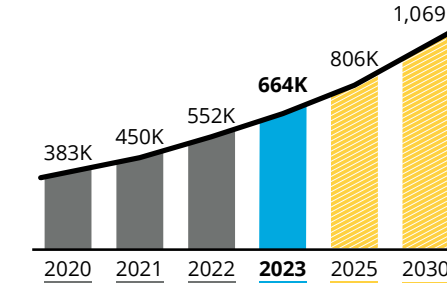
Solar Photovoltaic — Solar Only



Solar and Energy Storage Paired Systems



Total NEM



thereby lowering infrastructure costs and increasing overall system efficiency.

In 2023, SCE interconnected over 96,000 behind-the-meter, solar-only installations. The use of behind-the-meter energy storage paired with solar continued to grow in 2023, increasing 33% from approximately 12,000¹ behind-the-meter energy storage paired with solar in 2022 to approximately 16,000 total paired systems in 2023. By year end 2023, approximately 664,000 SCE customers had connected solar or paired energy storage systems to the grid. Through SCE's [Self-Generation Incentive Program](#), we offer customers incentives that reduce the cost of installing new energy storage systems. SCE incentivizes customer-sited solar through our NEM rate. NEM customers do not reduce or defer SCE's investments in transmission and distribution (T&D).

The NEM rate structure has contributed to the adoption of rooftop solar, though it has done so at the expense of utility customers who do not have solar panels — typically renters and lower-income households. The excessively generous

NEM rate structure effectively creates a subsidy by shifting costs from adopters to those who do not have solar. In recognition of these cross subsidies, the CPUC approved reforms to the NEM program, which went into effect in April 2023. The updated billing structure of the program is designed to optimize grid use by the participating customers and incentivize adoption of combined solar and storage systems.

Ahead of the new NEM rate's introduction, SCE received a record number of applications for projects — approximately 143,000, which was 30,000 more than we received through all of 2022. The influx of applications did, however, create a backlog of project implementation. As expected, applications for projects under the new structure took time to ramp up, but we received more than 3,670 applications in November 2023 and over 2,240 in December 2023, putting us on target with previous years. While we've since resolved these delays, this temporary issue highlighted the importance of investing in the technical capacity of our engineering teams and internal review processes.

¹ Please note that the historical values for Behind-the-Meter DERs presented in this report are based on data that was accurate at the time of reporting and are thus subject to future revisions. The data reflected in this year's report, and in subsequent reports, will include new installations of DER systems, including enhancements of, or expansions to, existing systems, allowing for a year-over-year comparison.

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

In 2022, the volume of interest for both the 50% and 100% [Green Rate program](#) exceeded the amount of capacity available from approved Green Rate resources. In the fourth quarter of 2022, SCE launched a Request for Offer for additional generation to support the increased interest in the program. Due to restrictions based on the CPUC decision, SCE has maintained a waitlist of customers interested in participating in the Green Rate program. As capacity becomes available, SCE will enroll customers on a first-come, first-served basis. SCE expects a decision from the CPUC on Green Rate resources on or around July 1, 2024. For more information, or to be added to the waitlist, email greenrate@sce.com.

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 SCE's clean energy goals. [Time-of-Use \(TOU\) rates](#) lower energy demand during peak hours, which supports GHG emissions reduction by encouraging customers to shift use to times of day when the energy supply is cleaner. As part of a statewide effort to transition customers to TOU rates, SCE has expanded participation in this rate. At the end of 2023, approximately 2.7 million residential customers (about 58%) and close to 100% of nonresidential customers took service on TOU rates.

Virtual Power Plants (VPPs)

[VPPs](#) are a new solution for customers seeking to increase their resilience to extreme weather and provide clean energy to the grid when it needs it. Approximately 2,500 residents who live in SCE's service area are currently enrolled and receive incentives for sending energy from solar panels stored in a home battery back to the grid. At any given time during the summer months, SCE dispatches its VPP via OpenADR in response to potential emergency grid needs.

Incentives for Efficient & Clean Energy Use

SCE's energy-efficiency programs incentivize customers to replace old appliances, like heating and air conditioning systems, lighting and industrial process equipment, with energy-efficient models. In 2023, SCE offered more than 90 energy-efficiency programs that saved nearly 1,400 gigawatt hours of energy. This translated into the elimination of approximately 378,000 tons of GHG emissions and saved customers an estimated \$44 million on their bills.

SCE also offers [demand response \(DR\) programs](#) that reward participants for making short-term reductions in their energy use based on alerts from SCE or our partner companies, thereby reducing the need for incremental gas-fired generation while mitigating the need for rotating outages during extreme conditions. In 2023, DR provided 1,177 MW of available load reduction based on the approved goal metrics.

Clean Energy Partners

Many stakeholders are involved in the planning and procurement of energy to serve customer needs. Local governments may choose to enter their communities into a Community Choice Aggregation program; commercial

and industrial customers may enter long-term contracts with third parties for energy as part of Direct Access; and individual customers may opt to install rooftop solar, connect energy storage and/or otherwise generate their own energy.

SCE partners across this stakeholder landscape to provide customers with reliable service and optimal customer experiences. This means offering and supporting customer choices around how their energy is generated while providing T&D services to all. SCE also takes seriously its role as a provider of last resort for customers.

SCE also works with other partners, including solar and energy storage contractors, to bring customers the best deals for solar energy installation. We offer an online marketplace where customers can compare [solar](#) and [energy storage](#) system installers and receive a discount of up to \$500 on the systems if they purchase them through the marketplace.

Expanding Access to Solar Power

The 7,000-panel Sheep Creek Community Solar Farm is SCE's first community solar project as part of California's Enhanced Community Renewables program. The program allows utility customers who do not own their property, are not able to pay the upfront cost of solar installation or have a roof that is in poor condition or shaded to subscribe to renewable energy projects in their communities. As of year end 2023, the 3.8 MWdc project has 241 subscribers.

ENVIRONMENT

Edison is a long-standing steward of the environment. Our responsibility and commitment are to minimize our footprint by ensuring we comply with all applicable laws and regulations while continuously improving our environmental performance. We promote the efficient use of energy and water, emissions reduction, material recycling, waste diversion, and protection of biodiversity, natural habitats, and cultural and tribal resources.

ENVIRONMENTAL MANAGEMENT SYSTEM (EMS)

Our EMS development is in its third year of maturity, with significant progress on continuous process improvement. We developed 11 corporate procedures to formalize our EMS processes. Additionally, we created a new operating model that streamlines our review of company work to ensure environmental requirements and best management practices (BMPs) are implemented on all projects. The new operating model includes several new environmental advisory roles to mitigate compliance risks, strengthen process control and help ensure environmental compliance and stewardship for our immediate and long-range operations.

The success of our EMS and new operating model is strengthened by the support of our senior management,

employees and all other stakeholders. We provide comprehensive environmental training, resources and engagement forums to our employees. Our officer-level executive sponsor team is dedicated to driving environmental compliance performance and EMS effectiveness and improvements. Edison's Environmental Leadership Council — a cross-functional, executive-level team — meets monthly to evaluate implementation strategies and environmental program effectiveness throughout our operations. We also actively engage and evaluate our contractors' environmental performance to uphold our environmental stewardship.

ENVIRONMENTAL PERFORMANCE

Annually, we establish performance measures that support the continuous improvement of performance outcomes and drivers, applicable to both SCE and our contractors. In 2023, one of our environmental key performance measures, focused on mitigating potential environmental risks, continued to show improvement and exceeded the ambitious target in 2023 with support from operational stakeholders.

Our new operating model enables us to efficiently review and mitigate environmental impacts on construction and maintenance projects. In 2023, SCE conducted environmental reviews of more than 26,000 transmission, distribution and generation infrastructure projects and more than 300,000 vegetation management projects.

We partner with federal, state and local regulatory agencies to help ensure environmental compliance with nearly 1,500 environmental permits and submit over 1,500 government reports annually. In 2023, we participated in 426 regulatory agency inspections, a more than 20% decrease compared to 2022. The majority of agency inspections occur triennially, and the decrease in agency inspections is based on agency inspection priorities and schedules. We actively review findings from agency and internal inspections to evaluate the effectiveness of EMS compliance controls and identify process improvement opportunities.

SCE's EMS includes a broad compliance-based training and environmental awareness program, which included more than 17,000 employee training course enrollments in 2023.

EMERGENCY MANAGEMENT

To mitigate environmental impacts and protect the health and safety of our employees and communities, Edison administers a dedicated 24/7 environmental emergency hotline to address emergency releases and resolve any environmental issues correctly and efficiently.

AIR QUALITY & GREENHOUSE GAS (GHG) MANAGEMENT

Air emissions can significantly impact the environment and human health, more substantially in Southern and Central California, where the ambient air quality is below the national standard. SCE collaborates with regulatory agencies, customers and communities to improve air quality and reduce GHG emissions. Our comprehensive environmental program includes 11 air quality compliance areas — aiming to reduce emissions from our power generating stations, transportation, construction activities, equipment and employee commute trips.

Low Carbon Fuel Standard (LCFS)

SCE's Environmental Program also includes the LCFS reporting element that generated funds to support transportation electrification projects, such as Pre-Owned Electric Vehicle (EV) Rebate; Home Electrification Readiness; Drayage Truck Rebate; Zero-Emission Truck, Bus and Infrastructure Financing Programs; and other transportation electrification research and studies. We allocated about 86% of the funds to underserved and disadvantaged communities between 2021 and 2024.¹

Renewable Fuel Adoption

In addition to increasing [our fleet transportation electrification](#), we expanded renewable diesel use across all service centers in 2023. We use renewable diesel in our diesel vehicles and off-road equipment. Renewable diesel is biodegradable and made from fats and oils, such as soybean and canola oil. By switching to renewable diesel, Edison reduced our anthropogenic GHG by

15,361 metric tons of carbon dioxide equivalent, or 24% compared to conventional petroleum-based diesel.

Sulfur Hexafluoride (SF₆)

SF₆ is the most potent GHG, with the ability to trap 23,500 times more heat than carbon dioxide. Edison uses SF₆ in our electrical equipment because of its safe, nonflammable, nontoxic and highly effective dielectric property. We have a comprehensive SF₆ equipment management plan to mitigate SF₆ leaks from equipment, including field inspection and maintenance and leak mitigation programs. The spent SF₆ gas is recycled whenever possible. In 2023, we recycled 32,150 pounds of SF₆, or 94% of spent gas. Nonrecyclable spent SF₆, due to its impurity, is sent off-site for an appropriate gas destruction treatment. We actively evaluate the equipment's health and replace SF₆ with alternative technologies, such as dry air and vacuum, whenever possible. We continue to work with suppliers to develop non-SF₆ alternatives for all SF₆ gas applications across our operations.

WATER MANAGEMENT & CONSERVATION

Water is a scarce resource, especially in California. Large withdrawals or ineffective effluent stream management can significantly impact biodiversity and ecological systems. Edison is committed to responsibly managing and conserving water to ensure our community's water security and healthy ecosystems. Our Environmental Program includes seven water quality program areas

that cover drinking water, well management, industrial wastewater, facility and construction stormwater, spill response and wetlands protection.

Power Generation Water Management

Electricity generation is one of the most water-intensive industries in terms of water withdrawals. SCE operates a small fleet of [power generation assets](#) representing less than 20% of its own generating facilities. We operate six natural gas power plants — five of which use simple-cycle gas turbines that do not use steam and save water. In 2023, our water consumed for generation was 811.8 million gallons, most of which occurred at our Mountainview Generating Station. Nearly all (98.4%) of the water Mountainview consumed was from nonpotable sources, including recycled water from the city and groundwater withdrawal from a local contaminated aquifer. Moreover, 80% of the water discharged from Mountainview was recovered and reused in the plant.

We also operate 83 dams, 33 powerhouses and 76 generating stations that produce electricity from water stored in reservoirs or runoff water from melting snow, with over 143 miles of water conveyances in the San Gabriel and Sierra Nevada mountains. The water returns to lakes, reservoirs or streams to be made available for other purposes after it generates electricity.

Stormwater & Release Management

Edison is committed to improving on-site water quality management at our facilities. We implement BMP features, such as installing infiltration basins, pervious pavement and biofiltration swales, which are designed to capture stormwater, minimize potential pollutants from

¹ California LCFS, [Pre-Owned EV Rebate](#).

stormwater runoff, and protect our waterways and wetlands. Using Geographic Information System mapping, we digitally capture the amount of water infiltrated and recharge our groundwater.

Water Consumption

SCE seeks to replace grass with drought-tolerant landscaping at our facilities and to improve our irrigation systems to reduce water use. We have installed smart irrigation controllers at most sites, including four in 2023. Smart irrigation controllers can reduce water usage by 20% to 30% (compared with manual adjustments), improve plant health and eliminate runoff. In recent years, SCE has completed sustainable landscape projects in front of two buildings at Rosemead, California, and at 11 other sites.

WASTE MANAGEMENT & ASSET RECOVERY

When materials are at the end of their useful life, SCE follows all federal, state and local laws and regulations to determine how they will be reused, recycled, resold or disposed. We seek opportunities to implement a circular economy by reselling or donating material and assets. Where these options don't exist, SCE evaluates the material for recycling or disposal.

SCE's internal standards and manuals outline procedures for identifying, handling, storing and transporting waste produced by SCE work and generated at SCE facilities. SCE manages more than 30 different hazardous and nonhazardous waste streams. Items designated as waste are evaluated if they are hazardous and disposed at authorized facilities. A cross-functional committee at SCE reviews and approves all hazardous waste transporters and disposal facilities for use by the company.

2023 MATERIAL RECYCLING & REUSE BY THE NUMBERS¹

1.5K+

light fixtures recycled

299K+

pounds of batteries recycled²

100%

of old or damaged
workstations reused

764K+

pounds of various
universal wastes recycled³

1M+

gallons of oil recycled

~153

tons of smart meters recycled

124

tons of paper recycled

754

yards of facility vegetation recycled

~4.3M

pounds of material recycled from
substation power transformer
dismantlement projects

43M+

pounds of asset
material sold

¹ In our ongoing commitment to transparency and accuracy, Edison International has identified that previous metrics for the recycling of certain materials — specifically asphalt, carpet and pipe — may not reflect the full scope of our disposal processes. While these materials have been categorized under recycling in past reports, further review has revealed variations in their actual handling and end-of-life destinations, making it difficult to determine that materials were recycled or reused in their entirety. To better align Edison International's reporting, it has been decided to omit these items.

² Unlike 2022, there was no large battery storage decommissioning projects for Grid Ops in 2023, which significantly reduced this metric.

³ Universal waste: Went from 221,000 lbs. in 2022 to 764,000 lbs. in 2023, due to Generation Rooftop Solar decommissioning thousands of photovoltaic (PV) modules and electronic waste.

San Onofre Nuclear Generating Station (SONGS) Decommissioning

For more than 40 years, SONGS produced clean electricity for Southern California. In its last year as a generating asset, SONGS generated more than 2,200 megawatts of electricity without contributing to carbon emissions. In 2013, SCE permanently retired SONGS. To guide our decommissioning efforts, SCE established the principles of safety, stewardship and engagement. Following extensive environmental reviews by state agencies, SCE began dismantling the site in 2020. Work is currently focused on three key workstreams:

- Dismantling above-ground structures
- Safely storing spent fuel on-site
- Advocating for the relocation of SONGS' spent fuel to a licensed off-site facility

By the end of 2023, the process of dismantling above-ground structures was more than 50% complete and will continue until approximately the end of 2028. All spent nuclear fuel at SONGS is in a solid, ceramic format, and remains safe and secure in an on-site dry storage facility. There are no credible accident scenarios that can result in an off-site release of radiological material. Once the federal government relocates the spent fuel off-site, SCE will restore the site and return it to the U.S. Navy for unrestricted use.

Throughout the decommissioning project, we have made substantial efforts to complete work in an environmentally responsible manner. For instance, our decommissioning contractor recycles titanium, copper and aluminum, and uses rail cars to remove debris from dismantlement work, which can remove the equivalent of six diesel truck loads.

We continue our ongoing tribal coordination, including tribal monitors who provide spot check monitoring for tribal cultural resources during major ground-disturbing activities. In addition, all decommissioning project team members receive worker environmental awareness training to provide understanding of environmental regulations to protect sensitive biological resources. Finally, as an offset for plant operations, SCE is restoring 150 acres of wetlands in Del Mar and constructed a 376-acre artificial kelp reef offshore of San Clemente — one of the largest artificial reefs in the world. For more information on SONGS' decommissioning, visit [SONGS website](#). To learn more about the Spent Fuel Solutions (SFS) coalition advocating for off-site storage and disposal of spent fuel, visit the [SFS website](#).

BIODIVERSITY, NATURAL HABITAT & CULTURAL RESOURCE PROTECTION

Biodiversity, natural habitat and cultural resource protections are key considerations for SCE as we modernize and update our grid infrastructure and execute our Wildlife Mitigation Plan. Most of SCE's service area falls within the California Floristic Province (CFP), one of over 30 areas in the world recognized by Conservation International as a biodiversity hotspot, with significant levels of biodiversity threatened by human habitation. The CFP has over 3,000 species of vascular plants, 60% of which occur only in California. In addition, California has more federal- and state-listed threatened and endangered species than any other state, except Hawaii. Approximately 40% of SCE's utility corridors are located in areas that support threatened or endangered

Using Plant-Based Oil in Our Transformers

We use natural ester dielectric fluid, derived from vegetable oil — a 100% renewable resource, which is nonhazardous and recyclable, and a green alternative to mineral oil, which is considered a hazardous waste in California. SCE sells the biobased fluid to recyclers instead of paying for incineration, which reduces our supply chain's anthropogenic GHG emissions.

wildlife or plants and have become de facto wildlife corridors in many areas due to the surrounding urban development.

SCE is committed to protecting special status species, their habitats, ecosystems and cultural resources where we operate. Efforts to protect species and preserve cultural and tribal resources while supporting fire-hardening activities are part of larger programmatic permitting initiatives to streamline the environmental compliance process. In 2022, SCE submitted programmatic permits to the California Department of Fish and Wildlife (CDFW) and U.S. Fish and Wildlife Service (USFWS) for San Bernardino kangaroo rat, California gnatcatcher and Delhi sands flower-loving fly for long-term coverage of operation and maintenance activities in the San Bernardino Valley area. SCE is also coordinating with USFWS on General Conservation Plans for the desert tortoise and is consulting for other federally listed species through federal land management agencies such as the Bureau of Land

Management and U.S. Forest Service (USFS). These permitting efforts are part of a larger initiative to assess the need for and pursue programmatic species permits across our service area. In 2023, SCE protected, enhanced or restored eight acres of land throughout our service area, amounting to over 5,900 acres¹ cumulatively.

We use local, state and federal standards applicable to our service area to assess impacts on biodiversity. SCE implements BMP (e.g., good housekeeping, crew trainings, covering tire tracks to discourage unauthorized re-entry, etc.) and resource-specific protection measures to reduce impacts to the natural environment. In some cases, SCE exceeds minimum regulatory requirements.

SCE's goal is to avoid impacts to natural and cultural resources. Our Environmental Department works to identify species and habitat resources, analyze potential effects, develop BMPs and conduct restoration efforts across our operational footprint. Additionally, SCE identifies and maps vegetation communities and sensitive ecosystems and uses avoidance measures to protect wetlands, streams and riparian areas, as well as other sensitive habitats. SCE reduces unavoidable environmental impacts and consults with regulatory agencies to mitigate them and restore affected areas.

Every mitigation and restoration project includes a detailed, project-specific approach to monitoring and assessment. Assessment methodologies are based on the best available science and developed in partnership with resource agencies and other interested stakeholders to ensure their effectiveness. When projects require mitigation or restoration, SCE continues activities until all qualitative and quantitative performance and success criteria are achieved.

Our Environmental Department is on call 24/7 to respond to emergencies. When a large wildfire or catastrophic weather event occurs in SCE's service area, biologists, archaeologists and water-quality specialists are called out along with our crews to avoid or reduce impacts to biological resources such as endangered species, wetlands and cultural resources, as well as to help coordinate agencies and to acquire applicable permits to work in the area.

Protecting Endangered Species

SCE's biologists are dedicated to protecting species, habitat and ecosystems where the company operates and are engaged in efforts to protect species and streamline agency approval processes. We use operating right-of-way properties for species conservation opportunities to offset impacts from projects and maintenance activities.

For 35 years, SCE's avian-protection program has protected endangered, migratory and other birds from electrocution, while also preventing power outages caused by birds. In recent years, SCE's focus on wildfire preparedness has resulted in a positive impact for avian species as well. Efforts to upgrade facilities and install covered conductor also reduce negative interactions with wildlife by helping to prevent electrocutions. The majority of areas where SCE's territory overlaps with the current range of the California condor are already completed. These areas are also home to bald and golden eagles.

SCE works year-round with the USFWS, CDFW and other agencies to minimize impacts to endangered species. A few examples are as follows:

- The Yosemite toad is a federally threatened species that inhabits alpine meadows within SCE rights-of-way in the Sierra National Forest. In spring 2023, SCE partnered with the USFS to conduct meadow surveys aimed at assessing the habitat of the endangered Yosemite toad. Surprisingly, some of these meadows had never been surveyed before to determine toad occupancy. A highly qualified survey team, consisting of both SCE and USFS biologists, meticulously surveyed approximately 141 meadows. Their efforts confirmed that at least 10 of these meadows were occupied by Yosemite toads. This valuable data will play a crucial role in conservation efforts for this species, benefiting wildlife agencies and researchers alike.
- The San Bernardino kangaroo rat (SBKR) is a state and federally listed endangered species found only in southern San Bernardino and western Riverside counties. SCE has extensive facilities in these areas and has submitted programmatic permits to USFWS and CDFW to cover operations and maintenance activities within SBKR habitat. SCE is currently working with both agencies on permitting and mitigation strategies for SBKR.

¹ Note that cumulative value is based on best available data.

- Whitebark pine was newly listed as federally threatened in December 2022. To protect this keystone species, SCE is continuing to map potential areas of occurrence within its service area, refine our avoidance and minimization measures using best available scientific research and expert guidance, and coordinate across all appropriate agencies, such as the USFWS, USFS, the Federal Energy Regulatory Commission and the National Park Service.
- The Coastal California gnatcatcher, a nonmigratory bird, is a federally threatened species. SCE is actively restoring and conserving gnatcatcher habitat within its rights-of-way, proving that it is possible to implement conservation measures and protection mechanisms in and around operating structures.

Community Engagement

SCE collaborates with local communities to identify and protect environmentally and culturally sensitive areas. We conduct environmental reviews and stakeholder engagement to identify potential biodiversity and community impacts and seek input from residents, businesses, landowners, tribal communities, local governments and other stakeholders to address and mitigate concerns. SCE participates in multistakeholder collaboration groups, such as the California Native Plant Society's Botanist Certification Advisory Group and the San Gabriel Mountains Community Collaborative, which are designed to improve biodiversity. Through Edison International's philanthropic funding, we also support programs in the communities we serve. Learn more about [Community Investments](#).

FOREST MANAGEMENT EFFORTS IN SIERRA NEVADA

SCE proudly manages 20,000 acres of pristine Sierra Nevada forestland near Shaver Lake and Dinkey Creek, east of Fresno. SCE's dedicated forestry staff has diligently nurtured and sustained a thriving forest ecosystem for over 40 years.

Our Comprehensive Forest Management Program

SCE's forest management program is multifaceted and designed to address critical challenges and promote forest health. Our focus is on:

1. **Strategic Reforestation:** We strategically plant native trees and plants, supporting the forest's resilience and vitality.
2. **Collaboration and Partnerships:** By working closely with local communities and agencies, we establish wildfire fuel firebreaks. These strategically placed breaks safeguard the region and help prevent catastrophic wildfires from encroaching upon utility land and local communities.
3. **Prescribed Burns:** To mitigate the risk of wildfires, we conduct controlled burns. These efforts clear overgrown brush, small trees and dead material that could otherwise fuel destructive fires.
4. **Uneven-Aged Forestry:** SCE employs an innovative approach by removing trees of all ages. This practice creates space for young trees to flourish, maximizing forest diversity across all age groups.

Restoring the Forest to Its Natural State

At SCE's Shaver Lake forest, we draw upon historical knowledge and cutting-edge research in forestry and ecology. For example, during the 2020 Creek Fire, SCE's forest density and diversity were put to the test. The Forestry teams' targeted fuel-reduction projects, conducted prior to the fire, were successful in splitting the head of the fire's advance toward SCE property, as well as playing a significant role in aiding firefighters in defending the community of Shaver Lake. Our mission is to restore the forest to its native structure — one that embraces fires as a natural ecological process. To achieve this, we conduct:

- **Annual Wildlife Surveys:** Regular wildlife surveys allow us to assess growth, health and diversity within our forests.
- **Vegetation Inventory:** We meticulously track vegetation changes, supporting a balanced ecosystem.
- **Collaboration with Research Scientists:** SCE actively collaborates with experts in forestry, ecology, wildlife and wildland fires. By staying informed and adapting to new information, we continuously refine our forest management practices.

Our Vision: A Resilient Forest

SCE will continue to prioritize approaches that enable our forest to withstand disease, bark beetles and catastrophic wildfires. Through our unwavering commitment to sustainable practices, we contribute to a healthier environment and a safer future for all.

SCE FACILITIES & SUPPLY CHAIN

In addition to our owned generation resources (see [Owned Generation & Storage Assets](#)), SCE maintains a real estate portfolio consisting of more than 1,400 buildings, including service centers, operations buildings, emergency response centers and traditional offices. SCE owns most of these assets.

SCE also maintains a transportation fleet of over 4,700 on-road vehicles, six helicopters, nearly 1,200 trailers and 749 pieces of off-road equipment. In line with our strategic focus on electrification, we have set a 2030 goal to electrify a portion of our fleet (see [Transportation Electrification](#)), and we are working to increase electrification of our facilities (see [SCE Building Electrification](#)).

Sustainable Buildings

SCE incorporates green-building attributes that reduce natural resource consumption. SCE's building portfolio has one Leadership in Energy and Environmental Design (LEED) Platinum building — our Wildomar Service Center — two LEED Gold buildings and six LEED Silver buildings. Most of our buildings are more than 50 years old, which maximizes our asset investment and supports customer affordability.

In 2023, SCE invested more than \$3.4 million in energy-efficiency measures at our facilities. SCE's building management system helps us control the temperature and lighting of facilities to reduce unnecessary energy use. We have also upgraded roofs to high-albedo materials, which keep buildings cooler by reflecting solar radiation. In 2023, LED lighting upgrades across 14 SCE locations saved

at least 444,000 kilowatt-hours per year, reducing energy usage by 41% while increasing light levels by a range of 43% to 78%. SCE also reduces energy consumption as facility systems are replaced or upgraded. In 2023, we replaced outdated electric heat pumps with more efficient ones across 13 SCE locations. Older heat pump units typically contain R-22 hydrochlorofluorocarbon (HCFC) refrigerant and are replaced with a non-HCFC refrigerant, with a benign ozone-layer impact. Through facility upgrades, SCE captured and recycled 1,600 pounds of HCFC-containing refrigerant. We also recycled 100% of the removed heat pump equipment, which totaled 90,000 pounds.

Charging Stations to Support Employee Commutes

SCE supports employee EV adoption by providing charging infrastructure dedicated for employee use. In 2023, we installed 29 new stations to increase our total number of workplace chargers to more than 450 ports across nearly 50 SCE facilities and maintained the infrastructure to ensure chargers are available to our employees.

Supply Chain

SCE's supply chain is an important extension of our operations. For the past 14 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. Alliance members evaluate and share best practices across national peer utilities. Each year, we ask suppliers to complete the Alliance Supplier Sustainability

Assessment. SCE monitors suppliers to encourage the completion of the survey and reviews the results to gauge supplier performance against industry peers.

Areas of sustainability research with our suppliers include language used in requests for proposal to promote environmental action, supply chain emissions, Scope 3 carbon emissions goals, technologies to reduce SF₆ emissions from gas insulated switchgears; human capital; supplier diversity; and environmental, social and governance performance tracking over time.

SCE previously conducted an assessment to quantify supplier emissions. Using our procurement spend and a U.S. Environmentally Extended Input-Output model from the U.S. Environmental Protection Agency, we estimated our Scope 3 emissions from our nonpower delivery suppliers. We then informed certain suppliers about our efforts and asked them to provide their emissions directly into the Supplier Sustainability Assessment Tool. We will continue to engage our suppliers that have the largest impact upon our own Scope 3 emissions to improve our program.

CUSTOMERS

SCE is dedicated to providing safe, reliable, affordable and clean power to our customers.

PUBLIC SAFETY: ADDITIONAL DETAILS

Public Education Campaigns

To the public, electricity is primarily an everyday convenience. But the danger electricity poses in extreme weather and other unstable conditions fuels SCE's efforts to develop comprehensive, engaging public safety campaigns. SCE delivers public safety campaigns through a variety of platforms, such as billboards, television and radio ads, and social media channels. For our commercial customers that operate near power lines and outsource higher-risk jobs like tree trimming, we conduct mass marketing and targeted outreach. We also market specifically to children and their families through activities such as school presentations and our targeted [e-SMART kids](#) website with interactive games and tools. SCE regularly reminds customers of seasonal dangers around electricity, particularly related to the hazards of metallic balloons. We emphasize the need to stay away from downed wire and to call 911 immediately to report one. Our marketing generated more than 61 million impressions across SCE's social channels in 2023.

RELIABILITY: ADDITIONAL DETAILS

Outage Management to Deliver Reliable Power

Customers may experience outages that are either unplanned, due to emergencies such as severe weather events, or planned so that SCE can perform grid maintenance or grid-hardening and grid-modernization projects. SCE strives to inform customers of these outages and reduce impacts. When outages do occur, SCE works to keep customers updated in as close to real time as possible. We maintain an outage progress tracker on our website, which shows live service updates input by field crew through SCE's Customer Crew Connect smartphone app. In 2023, we continued to advance our outage communications so that all affected customers receive timely notifications, allowing them to make arrangements and minimize inconvenience. We implemented an automatic enrollment system for customers to receive outage alerts and updated language to be more customer-centric. Furthermore, SCE has pioneered a Proactive Community Outreach initiative, designed to enhance awareness and comprehension of high-impact outages.

Our Reliability Operations Center (ROC) creates algorithms using smart meter data that notify SCE of dozens of different wire-down scenarios, as well as their locations. The ROC has also developed several algorithms to proactively detect the location of other issues, such as failing equipment, and hazards such as overloads

Building Wildfire Safety Skills at School

As the communities we serve endure the growing threat of wildfires, we've brought our emergency preparedness campaign to an important location — schools. We helped develop interactive, hands-on experiences for students to learn how to prepare for a wildfire and its impacts in 2023. We sponsored the ["Ready or Not: Preparing for Wildfires"](#) play in partnership with the National Theatre for Children, reaching students at over 30 elementary schools or Boys & Girls Clubs.

In 2023, a wildfire in Riverside County forced nearly 4,000 residents to evacuate. Having a clear and comprehensive plan in case of a wildfire evacuation is a real concern for families across SCE's service area. Through the play's storyline and characters of "Penelope Planner" and "Calamity Dwayne," students engaged in age-appropriate learning about how they and their families can create a wildfire safety plan.

We also helped middle-school students develop energy solutions that they can deploy in the event of a wildfire-related power outage. Through [We Share Solar](#), students in the engineering club at San Jacinto Leadership Academy in Riverside County built ["solar suitcases."](#) These portable backup power systems can provide light or be used to charge devices when the power is out. The value of these devices hits especially close to home for San Jacinto students, many of whom live in a high fire risk area (HFRA) and were without power for days during the Fairview Fire in 2022.

"I've been teaching for more than 20 years, and I've never seen kids more engaged," Craig Marias, a teacher at San Jacinto Leadership Academy, said of the project.

due to energy theft. In such cases, SCE dispatches a field technician to troubleshoot the problem. SCE also maintains an inventory of spare equipment, including poles, towers and transformers, so that we can replace damaged infrastructure during extreme weather events quickly.

We are also working with regulators, customers and other utilities to develop a framework to enable microgrids composed of multiple customer-sited distributed energy resources, as well as to explore [additional microgrid pilots](#) (see [Reliability](#)).

Performance Metrics

SCE analyzes unplanned outages and customer impacts to develop asset strategies to reduce probability and duration of outages. This information is also used to support operational decision-making to improve response and restoration times.

CUSTOMER EXPERIENCE

SCE focuses on improving the experiences of customers through a dedicated customer experience strategy. With this strategy, we work to transform key experiences, improve communication and engagement with customers, provide the right products and services, and enhance service in all channels. Customer feedback through various programs, including the Voice of the Customer (VOC) survey, which seeks feedback from over 900 customers daily, informs our strategy.

In 2023, we improved our customer experience by redesigning My Account, our online customer portal, to make it more intuitive and provide the most relevant information for customers. Using the VOC survey and Customer Call Center data, we consolidated information in My Account to make users' landing pages a one-stop hub for account balance and billing, usage information, projected next bill, rate plan and rate comparisons, while allowing users to set or modify settings for various programs and services. All of this information is accessed from the My Account page, which now features tailored help content based on individual customer needs. Our help chatbot is now placed prominently on the landing page, and we increased the frequency with which we refresh content to help customers get the most up-to-date assistance. The redesign incorporates intuitive visuals that help customers better understand their energy consumption patterns and make informed decisions on how to save energy costs. We started rolling out this redesign in January 2024 and will continue to implement updates throughout the year.

Customer feedback also informed our work in 2023 to redesign the user experience on the MySCE Mobile App. Updates to the app, which will roll out through 2024, include a customizable dashboard, the ability to add/update billing methods and make payments via the app. We plan to measure the success of these initiatives through the number of billing- and payment-related customer calls we receive and our billing and payment experience Net Score (as measured by our VOC survey).

Customer Satisfaction

SCE collects customer feedback through various surveys and benchmarks to assess customer satisfaction and improve our services. We track our performance using JD Power, which helps us assess our performance relative to other utilities regionally and nationally. SCE also engages a third party to administer a Customer Attitude Tracking online survey for residential and business customers, providing insight into brand favorability and other perceptions of SCE.

Additionally, our VOC survey collects feedback from customers daily on topics such as bill payments, power outages and experiences with energy advisors, which helps us understand whether our programs and services are meeting customers' needs and calculate our primary customer satisfaction metric. Survey feedback is used to identify improvement opportunities to the customer experience that also drive operational efficiencies.

In 2023, our customer satisfaction metric came in at 22.8, down from 28 in 2022, due mostly to less favorable customer experiences regarding billing, payments and delays in net energy metering (NEM)/Solar interconnection timelines resulting from the shift from NEM 2.0 to the Solar Billing Plan.¹ Looking ahead, we aim to increase this score through 2024 as we regularly gather customer feedback and implement new initiatives.

See [Reliability](#) and our [Sustainability Scorecard](#) for SCE's performance in 2023.



¹ The blended net score index is a customer satisfaction metric internal to SCE, capturing customer satisfaction across 15 different experiences. This allows SCE to identify impacts to customer satisfaction across each experience and prioritize easy and affordable solutions utilizing insights gained from customer feedback.

AFFORDABILITY: ADDITIONAL DETAILS

SCE CUSTOMER ASSISTANCE PROGRAMS

PROGRAM NAME	PROGRAM DESCRIPTION	2023 OUTCOMES
California Alternate Rates for Energy Program	Provides a discount of about 30% on monthly electricity bills for qualifying low-income customers.	1.29 million (~98%) of estimated eligible SCE households enrolled
Family Electric Rate Assistance Program	Provides a discount of about 18% on monthly electricity bills for households of three or more with income that slightly exceeds the California Alternate Rates for Energy program allowances.	30,400+ (<14%) of estimated eligible SCE households enrolled
Energy Savings Assistance Program¹	Offers energy-efficient appliances at no cost to participants.	13,190 customers served 7.24 million kilowatt-hours (kWh) saved 1,146+ kilowatts of demand reduced
Energy Assistance Fund (Administered by United Way and funded by Edison International and SCE employees, SCE customers and Edison International shareholders)	Offers qualifying customers up to \$300 toward their energy bill each year (up to \$200 for customers with gas and electric households; up to \$300 for customers with all-electric households).	14,000+ households assisted ~\$1.74 million donated by employees, customers and Edison International shareholders
San Joaquin Valley Pilot	Offers to replace propane/wood-burning appliances with electric energy-efficient appliances, at no cost to residential customers in three California state-designated disadvantaged communities. Provides 20% monthly bill discount to pilot participants. This pilot concluded at the end of 2023.	150 households enrolled 135 households converted
Emergency Rental Assistance Program (ERAP)	Has \$2.6 billion available for eligible California renters to assist with utility arrearages through the Federal Consolidated Appropriations Act of 2021 to support the program and tenant (renter) protection laws. ERAP is administered by the California Department of Housing and Community Development.	3,000+ customers received ~\$2.8 million in relief
Low Income Home Energy Assistance	Offers a one-time payment to help pay heating and cooling bills. Program eligibility varies based on income, household size, place of residence and other factors and is administered by the California Department of Community Services and Development.	40,400+ customers received ~\$47.6 million in relief
Medical Baseline Allowance Program	Provides an additional 16.5 kWh of electricity per day at the lowest baseline rate for customers who use electrically powered medical equipment or other qualifying medical devices to help offset the cost of operating the medical equipment.	103,200+ customers received the daily 16.5 kWh allowance of additional energy at their baseline rates

¹ Values based on the end of December 2023 Income Qualified Programs report.

COMMUNITIES

With more than 135 years of history, Edison International knows our success is tied to that of the communities within which we operate. Edison International and SCE have long-standing community partnerships at federal, state and local levels.

COMMUNITY RESILIENCE

Community resilience is the ability of a community to withstand, adapt to and recover from adverse events, such as natural disasters, economic changes or social unrest. SCE supports community resilience by supporting local organizations and causes and serving as an emergency preparedness community partner. By being active participants in the communities in which we operate, we can help build stronger, more resilient communities that are better equipped to withstand and recover from challenges.

Federal Collaboration

Edison International President and CEO Pedro J. Pizarro serves as the co-chair of the Electricity Subsector Coordinating Council (ESCC). The ESCC is 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 including natural hazards and physical and cybersecurity threats.

State Collaboration

As one of several electricity providers in California, SCE partners with industry peers to keep communities safe. SCE collaborates with other California utilities and state agency officials through weekly meetings at which the companies connect with members of the California Governor's Office of Emergency Services, California Department of Forestry and Fire Protection and the California Public Utilities Commission (CPUC) to coordinate and standardize incident responses.

Local Collaboration

Edison International is a founding partner of the [American Red Cross PrepareSoCal](#) campaign, which is designed to build resilient communities that prevent, prepare for and respond to life-threatening crises.

SCE hosts numerous forums and workgroups focused on disaster preparedness, response and recovery throughout the year with public safety partners, government agencies and other critical infrastructure stakeholders. These forums and working sessions allow Edison to bring together and work with emergency managers in energy, gas, water, communications, government and emergency services to manage incident response protocols and help contribute to expedited recovery from all types of incidents.

See [Community Investment & Partnerships](#) for more information about how we collaborate with additional local stakeholders and [SONGS Decommissioning](#) for information about how we collaborate at all levels to safely dismantle spent nuclear assets.

ECONOMIC DEVELOPMENT

Edison International, SCE and Trio¹ support the economy through direct and indirect jobs, procurement spend and philanthropic support for community partners, among other things. SCE further supports the Southern California region through our business consultation work, focused on attracting, retaining and expanding local businesses. SCE provides more than 14,000 direct jobs and supports tens of thousands of contract roles while spending approximately \$6 billion annually (\$5.9 billion in 2023) with suppliers.

Business Consultation

SCE's economic development department helps businesses get a competitive edge by providing one-on-one consultation services at no cost to the customer. In 2023, SCE retained, expanded and/or attracted more than 13,173 direct jobs in our service area through 44 projects. This translated into an extra \$6.3 billion in tax revenue for these areas, based on the estimated direct, indirect and induced jobs stemming from these projects.

¹ Formerly known as Edison Energy, Altenex Energy and Alfa Energy, the group has unified under the new name "Trio", operating under Edison Energy, LLC, an indirect, wholly-owned, non-utility subsidiary of Edison International, to enhance its global sustainability and energy advisory services. Trio is not the same company as SCE, the utility, and Trio is not regulated by the CPUC.

[SCE's strategic energy management program](#) provides business customers with high-energy-use recommendations to conserve energy. This can save up to hundreds of thousands of dollars while reducing greenhouse gas emissions.

Through SCE's [Customer Engagement Division](#), we also help small businesses find beneficial rate plan options that save customers millions per year on their electric bills.

Through SCE's Energy Education Center, SCE offers free virtual courses to business customers related to energy-efficiency technology and innovation.

Economic Development Rate (EDR)

SCE's EDR program offers businesses a 12% discount on electric bills over five years to help attract, retain and expand their operations in Southern California. The EDR program is available to businesses, including small businesses, where electricity costs are a primary driver for moving operating locations and/or where real and viable out-of-state 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 how [Economic Development Services](#) can help customers develop their business in SCE's service area.



Learn more about SCE's [Energy Education Centers](#) and how businesses can reduce their bills and help the environment.

Learn more about the [EDR program](#).

Over **80%** of our 2023 charitable contributions supported diverse and underserved communities, reflecting our longstanding commitment.

¹ Inclusive of the company's volunteer incentives, grants and matching gift contributions.

COMMUNITY INVESTMENTS

Edison International's community investments focus on four key pillars, including education, environment, civic engagement and public safety and emergency preparedness.

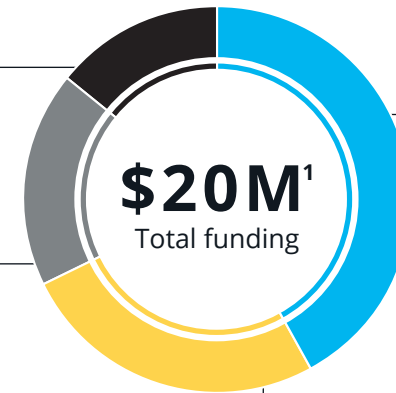
EDISON INTERNATIONAL'S 2023 COMMUNITY INVESTMENTS

**Public Safety and
Emergency Preparedness**
81 grants

14% of total funding

Civic Engagement
161 grants

18% of total funding



Education
233 grants

42% of total funding

Environment
137 grants

26% of total funding

EDISON INTERNATIONAL'S 2023 COMMUNITY IMPACT

\$3.8M+

raised by employee donations and company match

612

total grants awarded

\$1.9M

value of employees, family and friends volunteering (based on valuation by Independent Sector)

\$130K

in team volunteer grants selected by our business resource groups and internal partners

~60K

hours volunteered by employees, family and friends

\$1.5M

annual commitment to STEM scholarships for Edison Scholars

Building Career Pathways for Lineworkers

We strive to build a workforce at Edison International and SCE that mirrors the diverse communities we serve. Our Lineworker Scholarship program helps open career pathways for individuals who are underrepresented in the profession compared to the population in our service area. Launched in 2021 in partnership with the International Brotherhood of Electrical Workers Local 47, the program awards scholarships of up to \$25,000 to provide tuition, tools and support services to complete required lineworker training at Los Angeles Trade-Technical College. Graduates qualify for an entry-level skilled trade position at SCE once they complete the Powerline Mechanic Certificate program, obtain a Class A driver's license and complete SCE preemployment requirements.

For its first two years, the Lineworker Scholarship focused on recruiting Black candidates. In 2023, we expanded eligibility criteria to include Black, Asian Pacific Islander, Native American and female candidates, and welcomed a new cohort of 12 scholars. SCE has hired nine of the 11 scholars from our first cohort, all of whom completed required training. As of 2024, three graduates from both the second and third cohorts are working as groundmen with SCE.

To support new lineworkers in their roles, we also operate the SCE Groundman Navigator Program. This initiative pairs new lineworkers with an experienced colleague for a six-month mentorship, creating a positive onboarding experience and reinforcing safety best practices. It also aims to increase long-term retention by helping new hires build one of the most critical components to their success: teamwork.

Volunteering & Board Service

In addition to grants, Edison International supports nonprofit partners through employee volunteering programs and executive service on boards. In 2023, more than 40 Edison International and SCE executives served on nonprofit boards. Many of the nonprofit boards on which executives serve align with our strategic priorities, such as the American Red Cross Los Angeles Region, Electric Transportation Community Development Corporation, California Fire Safe Council, CALSTART, local conservation corps and numerous university-based programs, among others.

Edison International promotes volunteering through grants in which employees who volunteer 40 hours annually receive \$100 to donate to a nonprofit organization of their choice (up to \$600/year).

WORKPLACE

Edison International strives to build and sustain an environment rooted in physical and psychological safety, where all our team members are encouraged to bring their whole selves to work.

SAFETY: ADDITIONAL DETAILS

Employee Safety: Additional Details

SCE's employee safety program is generally based upon the American National Standards Institute (ANSI) and American Society of Safety Professionals Z10-2019 standard, one of the most recognized voluntary standards globally and the first U.S. consensus standard on occupational health and safety management systems. ANSI standards have a long history of adoption in the Occupational Safety and Health Administration regulations directly relevant to SCE's core business (e.g., head protection, high visibility apparel, personal fall protection). The ANSI Z10 standard was revised in 2019 to interpret and align the International Organization for Standardization (ISO) 45001 standard to a U.S. context. SCE is also a member of the [National Safety Council](#).

Supporting Serious Injury & Fatality (SIF) Elimination Through Training

SCE promotes a holistic culture of safety by providing employees with regular skills and safety culture training, particularly for those who work in the field on higher-risk jobs. Safety culture training modules are part of new employee orientation and our field apprentice programs. SCE makes safety culture refresher training available to keep employees abreast of key cognitive behavioral tools that help them better identify and mitigate risk. In addition, we continue to focus on providing our field employees with the technical knowledge, skills and ability to help them safely perform their job.

Training for our transmission and distribution (T&D) employees focuses on developing proper physical capabilities and enabling safe work practices. Knowledge assessments, job aids and training materials help us keep knowledge fresh. In 2023, SCE delivered approximately 392,000 total combined hours of T&D training to more than 7,200 employees, inclusive of employees attending multiple classes.

Contractor Safety: Additional Details

SCE's safety culture extends to our contractors, particularly contractors who perform high-risk work (Tier 1 contractors). In 2023, SCE continued to require Tier 1 contractors to complete leader safety culture training. This helped SCE understand where opportunities existed to strengthen the program's effectiveness to drive progress toward eliminating SIF. SCE uses prequalification and onboarding controls for contractors before work begins, regularly communicates to our contractor workforce to raise awareness about safety and requires contractors to develop corrective action plans for incidents to reduce SIF.

Safety Performance Assessment

Edison International and SCE set annual corporate and organizational goals and targets that aim to eliminate SIF and reduce all injuries. We measure progress against these targets through safety performance metrics. We learn from individual incidents and potential incidents as well as collective trends to target areas of opportunity.

See [Safety Performance](#) and our [Sustainability Scorecard](#) for our enterprisewide safety performance.



¹ Edison Electric Institute Safety Classification and Learning.

DIVERSITY, EQUITY & INCLUSION (DEI): ADDITIONAL DETAILS

Human Rights

Employees of Edison International companies are almost entirely (more than 98%) located in the United States.¹ We operate in accordance with all applicable federal and international human rights laws and all eight of the International Labour Organization's Fundamental Conventions. Edison International companies operate entirely within jurisdictions that have strict human rights standards embedded into law. In addition, through our [Supplier Code of Conduct](#), we require our suppliers to abide by employment practices in line with our values, including, but not limited to, equal opportunity and nondiscrimination; a prohibition on child labor and forced or compulsory labor; and meeting compliance requirements associated with working hours, wages and benefits, and freedom of association.

Racial/Ethnic Diversity

We compare the diverse representation of our workforce against labor market availability and the composition of the communities we serve. Labor market availability is calculated by taking the latest census data to give a sense of the reporting working-age population in a local or national area, depending on occupational census codes that align with the skills of our employees.² Relevant availability for executives is national, but local for leaders and workforce, based on where we typically source candidates. Comparisons are helpful in determining where we might address larger societal issues, such as socioeconomic factors that can limit access to higher education, through grantmaking or community programs.

Edison International employees contribute to a positive culture within the company through culture teams designed to engage them in building an inclusive environment. The culture teams focus on DEI, SCE values and other culture-related initiatives.

Supporting Industry Diversity

Edison International has been a longtime supporter and sponsor of the American Association of Blacks in Energy (AABE). Our engagement extends to our dedicated employees and supplier diversity team, and our top executives actively contribute to

AABE's national board. We're also engaged in AABE's Energy Equity Campaign, an initiative to bolster Black representation within the energy industry. We're driving meaningful change through strategic business contracting and robust workforce development. Moreover, our Edison International employees proudly wear the AABE membership badge. And right here in California, the AABE Chapter thrives under the capable leadership of our dedicated team members.

WORKFORCE ATTRACTION, DEVELOPMENT & ENGAGEMENT

Edison International's success depends on the success of our workforce. We partner with industry groups, universities and colleges to recruit talent — and invest in the learning and development opportunities needed to help individuals grow a career at Edison.

Promoting a Healthy & Rewarding Workplace

Recognizing and rewarding employee contributions with competitive pay and benefits, while also promoting a healthy work-life balance, contributes to employees' holistic well-being. We provide variable, performance-based pay to exempt employees that is linked to achievement of corporate and job-specific goals.

Edison International and SCE also offer competitive employee benefits, including^{3,4}:

- 401(k) savings plan with company match and other company contributions
- A selection of health plans, including medical, dental and vision benefits (including telemedicine and health advocacy services)
- Short-term and long-term disability plans
- Employee stock purchase plan
- Life insurance
- Preventive health account reimbursement to encourage healthy lifestyle activity and to help offset costs for items such as nutritionists, gym memberships and fitness classes

¹ The remaining 2% of employees are located outside the United States. These employees are analysts, managers and directors for Trio. Trio is not the same company as SCE, the utility, and Trio is not regulated by the California Public Utilities Commission.

² Latest census data used is from 2020.

³ Part-time employees are eligible for all benefits, excluding vision coverage, long-term disability plans, preventive health reimbursement, educational assistance and discounts on electric service.

⁴ Part-time Plus employees are eligible for all benefits, excluding those in footnote 3. Part-time Plus employees are those who must be regularly scheduled to work at least an average of 16 hours per calendar week, but less than 40 hours per calendar week.

- Competitive vacation/holiday program
- Paid family leave of up to eight weeks, as well as a parental bonding supplement providing 100% salary replacement
- Workplace lactation program for new mothers
- Educational reimbursement
- Wellness programs and initiatives
- Professional development
- Volunteer programs
- Employee assistance program and work life services
- Matching gift program
- Discounts on electric service, cellphone service and more
- Subsidized commuting costs, including for vanpools, public transit and parking

Public Health Team & Health Ambassadors

Edison Safety's Public Health team delivers comprehensive health and compliance programs, initiatives and resources to employees, retirees and their family members.

In 2023, after more than a decade in operation, we restructured the Wellness Ambassador Program to the Health Ambassador Program as the Wellness team transitioned to Edison Safety from Benefits. The Health Ambassador Program is a network of more than

1,000 employee volunteers who further ingrain a culture of health at Edison by attending quarterly Public Health meetings, sharing information with their workgroups and family members and/or taking action through projects and initiatives in their respective departments and teams.

Filling Roles with Internal Candidates

In 2023, 55% of vacant positions were filled by internal candidates.

Summer Interns

We see the value of early career talent programs and recruit students through Edison International and SCE's internship, recent graduate and MBA talent programs. The summer internship program generally runs for 10 to 12 weeks and gives students hands-on experience with SCE's projects, supplying mentoring from senior leaders and company peers.

Edison International and SCE's 2023 internship program was a hybrid of remote and in-person work, allowing interns to work on real projects and gain experience in the utility industry while also having the opportunity to participate in company events and outings. Student interns develop skills needed for full-time roles within the company following graduation. Edison International and SCE 2023 summer internship program had 172 interns from rising sophomore to graduate students. The 2022

intern conversions to full-time roles in 2023 was 63%. This exceeds the National Association of Colleges & Employers' (NACE) 2022 national average of 57.6%.¹

Summer intern conversions in 2023 are currently in process and will continue throughout the 2024 year as students graduate.

Workforce Development

Edison International offers employees rewarding careers that are enriched by development opportunities at all levels of the organization. These opportunities include formal programs and training that help employees build a foundation for advancement while learning about the values we uphold in all our business operations, as well as ad-hoc initiatives that support employees' short-term career goals.

Annual Performance & Development Process

Edison International and SCE have an annual performance and development process, which begins with all full-time, nonrepresented employees 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 they discuss progress on performance and development goals.

¹ NACE Center, "Intern Conversion Rate Climbs, Fueled by Jump in Offer Rate," April 2022.

High-Potential Employees

Edison International and SCE accelerate the development of high-potential employees through programs that stretch participants' leadership capabilities, preparing them to address business priorities through a targeted curriculum, action-learning team projects, coaching and networking opportunities. In 2023, 178 employees graduated from or were enrolled in one of these programs.

Our full range of high-potential development programs includes:

- **EDGE:** A one-year, high-potential leadership development program for executives; the program is designed to prepare the next generation of executives to lead a more agile business with a focus on developing leadership competencies and business acumen through advanced curriculum, coaching and action learning team projects addressing strategic business challenges.
- **PIVOT:** A nine-month, high-potential leadership development program for supervisors and managers that includes workshops, conversations with local leaders, action-learning team projects, coaching and peer/leadership networking.
- **AMP for Individual Contributors:** A nine-month, high-potential development program for individual contributors who are looking 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:** A nine-month, high-potential leadership development program for individual contributors who are interested in a leadership career path.

- **MBA Leadership Development Program (MLDP):** A two-year program for recent MBA graduates to strengthen our leadership pipeline; MLDP associates complete four rotations throughout the company to accelerate their industry knowledge, business acumen and leadership skills.
- **Talent Development Accelerator:** An 18-month program aimed at supporting and advancing diverse talent, including females, that connects high-potential leaders with officer-level Talent Champions who provide mentorship, advocacy and increased visibility. The objective is to enhance participants' leadership skills and career opportunities.

Employee Training

SCE enterprise learning and development empowers employee performance with best-in-class development strategies that ignite workforce capabilities and sustainable growth to support talent retention and advancement. This helps SCE meet the talent needs of the future by providing employees with training and development opportunities to acclimate to new roles, enhance their jobs or grow their careers. Learning and development programs (leadership, technical skills, compliance, systems and safety training) provide performance improvement solutions that prepare and strengthen our frontline workforce to safely provide electricity and deliver operational and service excellence to our communities. SCE offers training to employees at all levels with programming tailored to their goals and career path. Our training programs include:

- **Onboarding:** Illuminate is our onboarding program that aims to optimize the new employee experience. The program covers our mission, vision and values, and participants learn about our safety and strategic business priorities. In 2023, we trained 1,648 newly hired employees.

- **Leadership Training:** Transitioning from our previous Empower program, the new Enterprise Leadership Academy, firmly rooted in SCE safety culture and launching in April 2024, empowers new-to-role leaders with essential skills to effectively manage staff, cultivate a culture of belonging that enhances workforce support and retention, and pass on leadership skills to future generations. Through a flexible and resource-rich approach, participants engage in a 2.5-day Workshop, supplemented by an organizational unit "buddy," professional leadership coaching, essential e-learning and access to the SCE online leadership community. These components provide a comprehensive foundation for personal leadership growth, fostering reflection and action to drive positive change within their teams and the organization. We will use qualitative feedback from participants to help us measure the effectiveness of this program and improve our performance.
- **Skills Workshops:** Targeted skills workshops are provided to both new and experienced leaders, with a focus on inspiring them to develop effective communication and accountability skills, build emotional intelligence and capitalize on their teams' unique strengths to enhance overall performance. In addition, we provide specialized training to help sharpen conversational proficiency, promote safety awareness and safe practices and encourage desired behaviors, fostering a productive and positive work environment.
- **Groundman Skills Training:** Employee learning and development is also focused on delivering technical skills training to aid in developing a culture of safety and to recognize and mitigate hazards. This training is essential to cultivating and sustaining safe beliefs, attitudes and behaviors across SCE's employees and contractors, and to fostering the mindset needed to make the right safety choices.

- **Employee Development:** SCE provides experiential learning facilitated by internal and external experts, with content and materials sourced and made available to all employees — anytime, anywhere and on any device. SCE leverages My Learning technologies that put employees in control of their learning and provide opportunities to customize their experience based on a unique set of needs. My Learning is a library of courses curated into learning journeys that empower every employee to grow at their own pace. My Learning’s library includes SCE-developed experiential learning, internal e-learning and a purchased catalog of on-demand content related to business, technology and productivity. Using various resources, including skill assessments, career tools, books, audiobooks and summaries, professional articles, micro-videos, practice labs, expert insights and artificial intelligence conversation simulators, employees can learn 24/7 to enhance individual skills, pursue interests or obtain certifications.

Engagement

We gather feedback from our employees using various tools, including engagement surveys, new hire and exit surveys, exit interviews and meetings at team and company levels. This allows us to identify areas of strength and areas that need improvement. These insights help us prioritize where to invest in our employees and continuously improve our workplace policies and practices.

Our engagement surveys are designed to gauge employee sentiment on alignment; continuous improvement; engagement; growth and development; inclusion; the work itself; and trust. In addition, we include questions on our DEI efforts. We work with an external vendor to administer an annual all-employee engagement survey.

In 2023, 84% of employees indicated that they were proud to work at Edison International. Another 83% of employees said their jobs made good use of their skills and abilities.

Demonstrating the Company’s Values

Edison International’s values define the company and how we work. To promote and reinforce our values, Edison International and SCE have approximately 100 employee representatives who work to positively influence change within their departments and locations. Selected by local and senior leadership, these “Values Ambassadors” reinforce values-based behavior, direct employees to company resources and provide context about companywide change and culture initiatives. Values Ambassadors also provide our Ethics and Compliance and Human Resources departments with input and insight into company culture, and they align efforts within each department’s culture team.

The Edison Award

The Edison Award is the company’s most prestigious award and is presented approximately every two years. Employees nominate their peers, and the company awards them for their contributions to Edison International’s culture, outstanding performance and living the company’s values and guiding behaviors every day. The next award year will be 2024.

Formal Complaint Escalation Process

We are committed to fostering an environment of open and honest communications. We have instituted multiple formal mechanisms to promote an open feedback culture, including a process that encourages reporting work environment, policy violation and noncompliance issues

through management, Human Resources, Ethics and Compliance, the Edison HelpLine and other channels.

The Edison HelpLine offers confidential and anonymous reporting by phone and website. Our nonrepresented employees (other than certain leadership positions) have access to an alternative dispute resolution process whereby they can request a review of a specific corrective action (e.g., written warning, final written warning, suspension or demotion) or performance review and related investigation to determine whether the corrective action or performance review was appropriate. Our represented employees have specific grievance reporting and escalation procedures as outlined in their collective bargaining agreements.

Union Partnerships

About one-third of SCE’s employees are covered by collective bargaining agreements. SCE and the International Brotherhood of Electrical Workers (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 employees’ duties and behaviors on the job. All IBEW members are held to these expectations and hold their peer members accountable to strict standards.

Learn more about the work SCE is doing with our represented employees in [Supporting Serious Injury & Fatality \(SIF\) Elimination Through Training](#).



GOVERNANCE

Good governance is the foundation of Edison International's business and is vital to ensuring the trust of our shareholders, customers, employees and the communities we serve.

CORPORATE GOVERNANCE

Edison International's corporate governance, risk management, compliance practices and security protocols reflect our ongoing commitment to responsible conduct and transparent engagement with stakeholders.

Board of Directors

Edison International's Board of Directors provides independent oversight of the management of the organization with a focus on long-term value, considering the interests of all stakeholders. Edison International's directors are elected annually by the company's shareholders. All directors other than Edison International president and CEO are independent.

Among its primary responsibilities, the Board oversees company strategy; financial performance; safety; enterprise risk management (ERM); operations; environmental, social and governance (ESG); and ethics and compliance programs. The Board's [Corporate Governance Guidelines](#) outline its policies for overseeing the company. The Board performs a self-evaluation annually to promote its effective functioning, as well as that of its committees.

RISK MANAGEMENT

Edison International, SCE and Trio's¹ risk management process is a comprehensive and dynamic framework, based on International Organization for Standardization (ISO) 31000 and the Committee of Sponsoring Organizations, designed to anticipate, identify, assess, prioritize and mitigate potential risks that could impact objectives and operations. The process typically begins with a thorough risk identification, where internal and external factors are analyzed to identify potential threats and opportunities. Subsequently, these risks are assessed in terms of their likelihood and potential impact. Once risks are identified and assessed, the next step involves prioritizing risks, based on their significance, and devising risk-mitigation strategies. Regular monitoring and reassessment are integral components of the risk management process, ensuring it remains adaptable to changing business environments and evolving threats, thus enabling Edison International, SCE and Trio to make informed decisions and enhance resilience.

Operating one of the country's largest utilities brings unique risks in addition to those faced by any large enterprise or public company. Many of the key risks managed by our ERM department are discussed elsewhere in this report and in Edison International's [Annual Report on Form 10-K](#) and [2024 Proxy Statement](#), including wildfire, cybersecurity, pandemic, public and

workforce safety, and climate-change mitigation and adaptation. ERM assesses risks related to ESG issues and reviews them alongside many other factors when evaluating each of the company's enterprise risks. ERM participates in confirming that all financially material risks are disclosed in Edison International's U.S. Securities and Exchange Commission filings.

Risk Oversight

Edison International's Board of Directors has overall responsibility for the oversight of significant risks — including those related to strategy, operations, finance and reputation — and the enterprisewide risk management process. The Board exercises this responsibility through direct engagement with management and through its committees, which regularly report back to the Board.

The Audit and Finance Committee oversees ERM's overall process and risk assessment report (an annual review of significant risks, classified into three tiers: key, secondary and emerging). The Safety and Operations Committee oversees emergent operational risks and operational risk mitigation. The Compensation and Executive Personnel Committee reviews executive compensation risks with analysis provided by independent consultants. The Nominating and Governance Committee identifies director candidates with skills and experience to oversee the risk management process (see [Edison International's 2024 Proxy Statement](#), pp. 21–22).

¹ Formerly known as Edison Energy, Altenex Energy and Alfa Energy, the group has unified under the new name "Trio", operating under Edison Energy, LLC, an indirect, wholly-owned, non-utility subsidiary of Edison International, to enhance its global sustainability and energy advisory services. Trio is not the same company as SCE, the utility, and Trio is not regulated by the California Public Utilities Commission (CPUC).

ERM also engages senior Edison International and SCE leadership on emergent and ongoing risk issues through various management committees. These committees include the SCE Risk Management Working Group (RMWG), an executive forum designed to integrate operations and risk, and promote the integration of risk considerations into decision-making processes within senior leadership forums; the SCE Finance and Risk Management Committee, where RMWG is chartered to provide risk input and lead risk discussions regarding the utility; and the Edison International Managing Committee¹, which oversees the risk management process and the key risks of the company.

Risk Identification & Prioritization

In addition to ongoing management of known risks, ERM has established a standardized risk intake process to identify new potential risks from a wide variety of sources. These sources encompass operations within the company, interactions with corporate functions, such as Audit Services and Ethics & Compliance, as well as other groups that participate in managing risk and responding to risk events. These groups include Business Resiliency, Safety, Cyber and Physical Security, Environmental and Operational Finance. The risk identification process is also informed by research, benchmarking with other investor-owned utilities and surveys performed both internally and externally. ERM maintains a risk register of key, secondary and emerging risks, including cyber and physical security, strategy and ESG, compliance and operational risks.

ERM's risk identification and intake process uses triggers when an organizational unit identifies a risk and needs to be evaluated prior to decision-making. Triggers can meet any of a set of criteria, including in relation to the company's exposure to known risks, significant risk model/prioritization changes or projects that exceed an expenditure threshold. Each submitted risk undergoes a triage evaluation to determine if it meets predefined criteria for further assessment. The risk is either assessed and monitored by ERM or dispositioned to the originating organizational unit with further recommendations and actions.

The risk prioritization process incorporates the risk assessment, considering both the likelihood of a risk occurrence and three factors for consequences: safety, reliability and financial impact, providing a multifaceted view of the risk. Numerical scores are assigned based on quantitative or qualitative analyses, leading to the establishment of priority levels. Visual representations, such as risk heat maps, aid in highlighting the distribution of significant, moderate and low risks.

In 2023, ERM formalized a systematic approach to effectively identify and manage emerging risks. Emerging risks are potential threats or challenges that are not fully recognized or understood at present but have the potential to impact Edison International and SCE's objectives, operations and/or strategies. These risks may arise from various sources and can be influenced by technological advancements, shifts in the business

environment, regulatory changes, geopolitical events, societal trends or other factors. The process begins with horizon scanning, during which ERM explores trends, novel developments and vulnerable aspects of operations that may expose SCE to these risks. Prioritization follows, evaluating the credibility, speed of onset and impact. Finally, response strategies are formulated, tailored to each prioritized emerging risk.

In addition to its role in risk identification and prioritization, ERM plays a crucial role in providing risk-informed perspective to the development of company strategy. ERM collaborates closely with the Strategy team to integrate risk considerations into the decision-making processes that shape the overall direction of the company. This involves performing scenario planning and conducting challenge sessions to ensure that potential risks and uncertainties are thoroughly explored and accounted for in the strategic planning phase.

Learn more about:

- [Board Oversight of ESG Issues](#)
- [Cyber & Physical Security Oversight](#)
- [Political Contributions Oversight](#)



Please also refer to Edison International's [2024 Proxy Statement](#) for further information.

¹ The Edison International Managing Committee consists of the most senior Edison International, SCE and Trio executive officers. Edison International members include the president and CEO, executive vice president (EVP) and chief financial officer, EVP and general counsel and the vice president (VP) Strategy, Planning & Performance. SCE members include the president and CEO and the EVP and chief operating officer. Joint Edison International and SCE members include the senior vice president (SVP) of Corporate Affairs and Public Policy and SVP and chief human resources officer. Trio member includes the CEO. Trio is not the same company as SCE, the utility, and Trio is not regulated by the CPUC.

ERM utilizes scenario planning to envision and assess various potential future scenarios that could impact Edison International and SCE. This approach allows the company to anticipate and prepare for a range of potential outcomes, considering different external and internal factors. By incorporating these scenarios into the strategic planning process, Edison International and SCE become more resilient and adaptable to unforeseen events.

Challenge sessions involve a rigorous examination of the assumptions, strategies and plans proposed during the strategic development process. ERM, in collaboration with key stakeholders, challenges the status quo and tests the robustness of the strategic initiatives against potential risks. This process helps identify vulnerabilities and areas of improvement, ensuring that the strategic plan is not only ambitious but also resilient in the face of uncertainties.

To ensure business continuity despite growing uncertainties, SCE evaluates, monitors and mitigates supply chain risks for both materials and services.

SCE recognizes the paramount importance of maintaining business continuity in the face of an ever-evolving landscape of uncertainties. To safeguard its operations, SCE has implemented an approach to assess, monitor and mitigate risks within its supply chain, encompassing both materials and services.

The evaluation process begins with an examination of potential risks associated with the procurement of materials and services essential to SCE's operations. This assessment involves identifying vulnerabilities, analyzing potential disruptions and understanding the dependencies inherent in the supply chain. By conducting this analysis, SCE aims to anticipate challenges and vulnerabilities before they can escalate into significant disruptions.

Continuous monitoring is a key component of SCE's strategy to manage supply chain risks effectively. The organization employs monitoring tools and technologies to keep abreast of dynamic market conditions, geopolitical developments and other external factors that could impact the supply chain. In addition to monitoring external factors, SCE engages in ongoing communication and collaboration with key suppliers. Building strong relationships with suppliers enables SCE to stay informed about its operations and anticipate potential challenges.

Mitigating supply chain risk is a core focus for SCE, which employs a range of strategies to enhance supply chain resilience. This includes diversifying suppliers, which introduces redundancy and flexibility into the supply chain.

Risk Mitigation

ERM follows a comprehensive protocol to mitigate risks across our operations, with a distinct focus on public safety, operational and hazard risks. Edison International and SCE recognize the paramount importance of public safety and have integrated specific risk-mitigation measures to safeguard the communities they serve. This includes initiatives to enhance infrastructure reliability, implement safety protocols and engage in community outreach programs that educate the public about potential risks and safety measures. ERM also prioritizes operational resilience by assisting in developing mitigation plans. These plans are designed to strengthen operational processes, identify vulnerabilities and implement proactive measures to mitigate risks. By embedding resilience into the operational fabric, the company helps ensure its ability to adapt and respond effectively to unforeseen challenges. Mitigating hazards is a key facet of ERM's risk management strategy. SCE employs rigorous hazard identification processes, incorporating technologies and industry best practices to assess, monitor and mitigate potential threats. This proactive approach helps minimize the impact of hazards on both SCE and the communities it serves.

Enterprise risks, which encompass a broad spectrum of potential challenges, are addressed through the development of comprehensive mitigation deployment plans. These plans are tailored to the unique characteristics of each risk, covering aspects such as financial, operational, strategic and reputational considerations. To ensure a top-down commitment to risk mitigation, Edison International and SCE have integrated risk review requirements into the charters of various management committees. This strategic incorporation ensures that risk considerations are an integral part of decision-making processes at every level of the organization.

ERM's process builds upon ratemaking requirements from the CPUC in the [Safety Model Assessment Proceeding](#) and Risk Assessment Mitigation Phase (RAMP) filings. SCE's 2022 RAMP report analyzes key safety risks, including, among others, wildfires, climate change and cybersecurity threats. It will inform expenditures requested through the first track of SCE's 2025 General Rate Case, which was filed in May 2023.

Risk analysis is also a major component of SCE's Wildlife Mitigation Plan (see [Climate Adaptation: Additional Details About SCE's Wildfire Mitigation Plan](#)).

Risk monitoring and verification activities, as well as risk issues that occur during project and program execution of risk mitigation deployment plans, are monitored by ERM and its oversight committees. Standardized risk analysis summaries are required to be included in support materials used in senior leadership decision forums. ERM is responsible for encouraging risks to be considered in

decisions about the company's business strategy, financial planning, significant operational and regulatory decisions and goal setting.

Furthermore, ERM works closely with the internal audit department and various quality-control functions embedded in the business. By providing risk insights into the development of the audit scope, ERM contributes to enhancing the effectiveness of internal controls. The risk management process informs the annual audit plan, creating a synergistic relationship between ERM and internal audit functions.

The collaborative efforts between ERM, Insurance and Legal teams are instrumental in reducing potential legal claims against the company. This includes loss control assessments, trending of claims and near misses and procurement of insurance for general liability, wildfire, property damage, workers' compensation, aviation and others. The review and update of third-party agreements for appropriate minimum insurance limits and indemnity provisions further demonstrate the company's commitment to limiting the exposure to claims against our vendors and contractors.

CYBER & PHYSICAL SECURITY: ADDITIONAL DETAILS

Edison International monitors systems and protects against cyber and physical threats 24/7, 365 days a year. Enterprise Security at Edison International supports grid reliability by protecting our people, facilities, systems and

data; mitigating the risk posed by potential threats; deploying state-of-the-art monitoring technologies; providing timely responses to incidents; and maintaining a close collaboration of shared intelligence across local, state and federal government agencies. We do this while also cultivating a culture of security.

Employee, Contractor & Supplier Awareness

Our employees play an important role in protecting our system. To increase employee awareness, Edison International provides annual training courses about our physical and cybersecurity policies and procedures and simulates phishing attempts and other scenarios. This training covers potential threats, such as suspicious emails and websites, and teaches employees how they can do their part to defend against cyberattacks and to recognize unauthorized attempts of physical access.

Edison International also has processes and procedures for suppliers, vendors and other business partners to strengthen their security postures.

In 2023, 15,165 employees and contractors completed Workplace Violence and Security Awareness training.

Cyber & Physical Security Standards & Requirements

SCE is subject to the North American Electricity Reliability Corporation Critical Infrastructure Protection Standards, which are designed to secure the assets required to operate North America's bulk electric system.

The electric power sector must also meet mandatory regulatory requirements for cybersecurity, which helps deploy a consistent set of standards and requirements across the industry. However, regulatory requirements are only a baseline. SCE leverages globally accepted frameworks and standards such as the National Institute of Standards and Technology Cyber Security Framework, maturity models such as the U.S. Department of Energy's Cybersecurity Capability Maturity Model, as well as the International Crime Prevention Through Environmental Design Association and the American National Standards Institute, which are used to protect facilities and assets.

Cyber & Physical Security Oversight

Edison International's and SCE's Board of Directors oversee cyber and physical security. The Board has assigned primary responsibility for cyber and physical security operations oversight to its Safety and Operations Committee, which receives semiannual cybersecurity updates from SCE's senior vice president and chief information officer and SCE's vice president and chief security officer on specific topics, including the dynamic cybersecurity landscape and defense and risk mitigation strategies. The Committee also receives updates on physical security at least annually. The Board receives an annual cybersecurity report from an external consultant that includes an assessment of our program and organization. Physical and cybersecurity risks are included in key enterprise risk reports to the Board and the Board's Audit and Finance Committee, which receives reports from the general auditor on cyber- and physical security-related audit findings.

Additional aspects of Edison International's cyber and physical security programs receive oversight from other senior leadership committees to help these programs effectively, appropriately and responsibly address identified risks from a holistic and broad perspective for the company. For example, management has established a cybersecurity oversight group comprising a multidisciplinary senior leadership team to provide governance and strategic direction for the identification of and response to cybersecurity risks. The Board has identified a liaison who regularly attends the oversight group's meetings. Other Board members are invited to attend meetings and typically attend at least one annually.

Industry & Government Partnerships

Given the evolving nature of cyber and physical threats, partnerships and information sharing among peer electric companies, government agencies and other trusted organizations is critical.

One important partnership is with the Electricity Subsector Coordinating Council (ESCC), on which Edison International President and CEO Pedro J. Pizarro serves as the co-chair. The ESCC is the principal liaison between federal government leaders and the electric power sector and facilitates the preparation of action plans in response to national critical infrastructure threats.

Edison International is an industry leader in partnering with governments through the ESCC, which develops a unified response to all hazards, including cyber and physical attacks. We work to identify and dismantle barriers to industry/government cooperation during technical-, legal- or policy-based national emergencies. 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.

Edison International is a participating member of several state and federal regulatory agencies tasked with upholding the security and reliability of our electric infrastructure. We serve as part of advisory groups to extend best practices across our industry nationwide. We are involved with collaborative groups established by local, state and federal agencies to promote the exchange of security and intelligence information between the public and private sectors.

Finally, we also validate our security plans and infrastructure by participating in broad internal and multiagency exercises, such as the Grid Security Exercise, which allows stakeholders from across the electricity industry and federal agencies to respond to simulated cyber and physical attacks that affect the reliable operation of the grid.

ETHICS & COMPLIANCE

Edison International expects our employees and contractors to act ethically and to follow all applicable laws and regulations.

Compliance Effectiveness

To uphold compliance standards throughout the organization, Edison International maintains a Compliance Management Framework designed to prevent, detect and respond to noncompliance. As part of this framework, we conduct compliance risk rankings and assessments, program maturity reviews, supplier screening and due diligence for mergers and acquisitions. We also benchmark our compliance program against Department of Justice guidelines and other companies and use outside entities to assess program effectiveness.

Ethics and Compliance partners with Human Resources to develop innovative training solutions that provide engaging user experiences and content, while meeting our legal, regulatory and company-mandated obligations.

Edison HelpLine

Edison International encourages employees to seek advice or report misconduct through several channels, including by contacting their supervisors or the Edison HelpLine, a 24/7 service staffed by operators from an external, independent third party. 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. Edison International also deploys a periodic culture survey to help foster an ethical and compliant culture.

Edison International investigates reports of alleged ethics and compliance violations. The chief ethics and compliance officer (CECO) reports to the Board's Audit and Finance Committee on the status of HelpLine calls and investigations at least quarterly, in addition to reporting on the effectiveness of the ethics and compliance program and other responsibilities of the CECO. In the event of substantiated allegations, we take corrective action that may include oral reprimand or other discipline, up to and including termination.

Codes of Conduct

- **Employee Code of Conduct:** Edison International's [Employee Code of Conduct](#) outlines our expectations for ethical behavior in the workplace. Edison International requires employees to take part in regular training sessions and certify annually that they comply with the Code.
- **Supplier Code of Conduct:** Edison International's [Supplier Code of Conduct \(SCOC\)](#) outlines our expectations that suppliers, as well as their employees and subcontractors, adhere to Edison International's ethics and compliance standards. The SCOC also reflects principles and standards recognized and implemented across a range of industries.
- **Ethics and Compliance Code for the Board Directors:** Edison International's 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 also receives regular ethics and compliance oversight training conducted by Edison International's CECO.

Third-Party Reputational Screening

As part of our compliance management framework, Edison International regularly screens suppliers and other third parties to detect reputational and compliance risks.

The company's screening and monitoring service scans more than 120,000 sources across 240 countries in 70 languages. The service checks globally for sanctions against third parties and organizations that have been placed on government watchlists. It also scans for adverse media coverage. In cases where issues are found, Edison International takes corrective action, up to and including termination of a relationship. In 2023, we monitored more than 5,000 third parties.

Post-Investigation Survey

We ask for feedback on our misconduct investigation process at Edison International and SCE through a post-investigation survey aimed at driving continuous process improvement. As a result of feedback received from these surveys, we have revised our processes and improved communication between investigators and investigation participants.

Policy Updates

Edison International periodically reviews all corporate policies to keep them up to date and implements changes based on modifications to applicable laws/regulations and lessons from audits and current events.

Information Governance

To protect Edison International's confidential information, we maintain a combination of policy, procedure and technical controls. To manage rapidly growing information volumes and changing formats, we deployed standards and procedures to help employees appropriately store, access and share company information. Edison International has also established companywide standards to improve data quality, including monitoring and remediation of high-risk repositories. Our records retention schedule guides employees with retention and disposition decisions.

POLITICAL ACTIVITIES

Political developments at the federal, state and local level can have a significant impact on the company and our stakeholders. Edison International believes it is the company's responsibility to participate in the political process, consistent with our values, by advocating clean energy and efficient electrification to elected officials and making contributions to candidates, parties and political action committees that support policies that help advance our business strategy. See [Trade Associations](#) for more information on how our policy positions align with the trade associations of which we are members.

Edison International supports candidates and committees that understand the importance of financially healthy businesses to advance policy priorities such as delivering clean energy. The company will only make political contributions that comply with the law and adhere to our Political Engagement Policy, including a rigorous values review.

All contributions must be independently reviewed by outside political law counsel and then approved by the most senior officer responsible for corporate affairs or the Edison International president and CEO. As a best practice for effective corporate governance, the Board of Directors' Audit and Finance Committee annually reviews our Political Engagement Policy and compliance program and receives semiannual reports on the company's political expenditures to confirm alignment with our values, business strategy and key policy areas.

Edison International makes payments to 501(c)(4) organizations, which under the Internal Revenue Code are permitted to participate in some political campaign, legislative and political educational activities. Edison International prohibits 501(c)(4) entities from using company payments for electoral or political purposes or to pay any government official (including travel expenses) and prohibits 501(c)(4) entities from using company payments for lobbying purposes without the company's consent. 501(c)(4) organizations that received contributions must certify at year end that they adhered to these prohibitions. In 2023, all 501(c)(4) organizations receiving payments from the company complied with this requirement.

Transparent Political Engagement

Edison International is transparent about our political contributions and publicly discloses them on our website. In 2023, the company was again recognized as a "Trendsetter" (highest rating) by the Center for Political Accountability, an independent nonprofit, nonpartisan organization, for our commitment to transparency and accountability in corporate political spending. This is the 10th consecutive year that Edison International has been recognized as a corporate leader and places us as one of a select group to earn a 100% score on the 2023 Index of Corporate Political Disclosure and Accountability. This reflects our strong commitment to political transparency and accountability.

Lobbying

Edison International ethically communicates with elected and appointed officials and members of their staff about our policy priorities. We follow all lobbying registration and disclosure requirements for influencing legislative or administrative action. All employees and consultants registered to lobby for the company must complete political activities compliance and ethics training annually.

Learn more about Edison International's [Political Engagement Policy](#).





APPENDIX

ABOUT THIS REPORT

Edison International is pleased to share our 2023 Sustainability Report. In Part I, the report provides an overview of, and related metrics about, the environmental, social and governance (ESG) topics of most interest to our stakeholders and where we can have the greatest impact. In Part II, the report provides additional details about all areas of Edison International's ESG performance for stakeholders seeking more information. Included in the Appendix are disclosures related to third-party standards and frameworks, including the [Global Reporting Initiative \(GRI\)](#), [Sustainability Accounting Standards Board \(SASB\)](#) and the [Task Force on Climate-Related Financial Disclosures \(TCFD\)](#); our contributions to the [United Nations Sustainable Development Goals \(U.N. SDGs\)](#); our [Sustainability Scorecard](#); and details regarding the preparation of this report.

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 [Form 10-Q](#)) with the Securities and Exchange Commission (SEC). Edison International's [SEC filings](#), as well as direct links to certain presentations, documents and other information that may be of interest to investors, are available on our [website](#).

With the exception of SCE's 2022 GHG emissions,¹ Edison International has not sought external assurance of the data in this report. Edison International's internal audit department was engaged to perform an independent validation of selected metrics in Priority and Foundational topics associated with the [ESG Materiality Assessment](#).

This report is reviewed by the Edison International Managing Committee² and discussed with the Nominating and Governance Committee of the Edison International Board of Directors. Edison International strives to respond to 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

Edison International voluntarily discloses ESG information through a template developed by the [Edison Electric Institute \(EEI\)](#), the investor-owned electric utility industry's trade association. Through this disclosure, Edison International and industry peers provide investors and other stakeholders relevant, consistent and easy-to-access ESG data. Our [EEI disclosure](#) is publicly available on our website.³

To support corporate customers in their sustainability report efforts, Edison International also provides SCE power mix and greenhouse gas emissions intensity data through an EEI-developed, [customer-facing database](#).

¹ SCE's 2022 Scope 1, 2 and 3 inventories were successfully verified by a third party in accordance with The Climate Registry protocols. 2020, 2021 and 2023 inventories are expected to be verified later in 2024.

² The Edison International Managing Committee consists of the most senior Edison International, SCE and Trio executive officers. Edison International members include the president and CEO, executive vice president (EVP) and chief financial officer, EVP and general counsel and the vice president (VP) Strategy, Planning & Performance. SCE members include the president and CEO and the EVP and chief operating officer. Joint Edison International and SCE members include the senior vice president (SVP) of Corporate Affairs and Public Policy, and SVP and chief human resources officer. Trio member includes the CEO. Trio is not the same company as SCE, the utility, and Trio is not regulated by the California Public Utilities Commission.

³ 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.

FORWARD-LOOKING STATEMENTS

Statements contained in this report, including the message from Edison International 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, 2023, and other reports filed subsequently with the U.S. Securities and Exchange Commission, which are available on our [website](#). These filings also provide additional information on historical and other factual data contained in this report.

SUSTAINABILITY GOALS

NET-ZERO COMMITMENT

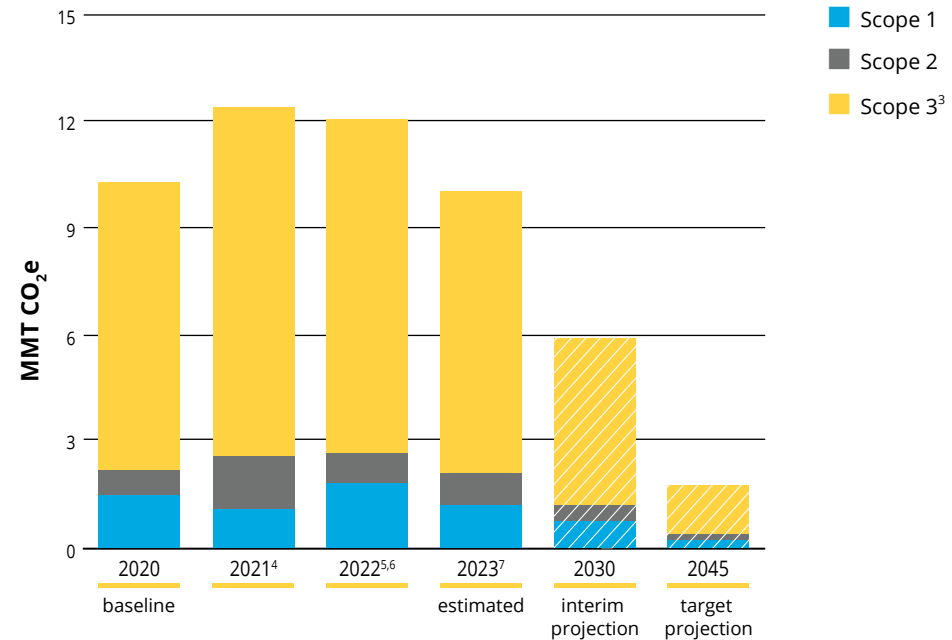
GOAL:

Achieve net-zero greenhouse gas (GHG) emissions across Scope 1, 2 and 3 by 2045, in alignment with economywide climate actions planned by the state of California. This covers the power SCE delivers to customers and Edison International's enterprisewide operations, including supply chain.

See [Managing Our Operational Carbon Footprint](#) for more details about our performance.



HISTORICAL AND PROJECTED GHG EMISSIONS^{1,2}



Any remaining emissions in 2045 to be offset or removed.²

¹ This chart shows a projection of Edison International's enterprisewide emissions in 2030 and 2045 based on assumptions aligned with the California Public Utilities Commission's (CPUC) Integrated Resource Plan (IRP) proceeding and SCE's [Countdown to 2045](#) white paper. Factors that could impact the emissions estimates include, among others, fluctuations in SCE-bundled load due to community choice aggregation formation in SCE's service area and uptake of electric technologies, variability in economic dispatch of Mountainview and SCE's other gas generation resources for system reliability purposes, and the availability of new technologies and innovations that affect emissions.

² Meeting this net-zero goal is contingent on approvals from SCE's regulators, as well as the availability of viable technologies in 2045 to adequately offset or remove remaining carbon from our enterprisewide footprint.

³ Edison International's Scope 3 emissions reporting continues to evolve. In 2021, it included the following emissions sources: specified and unspecified power purchases to serve SCE customers, an estimate of Edison International and SCE's supply chain, and enterprisewide employee commuting and business travel. In 2022, emissions from SCE's waste and wastewater were included as well. Other Scope 3 emissions categories may be relevant to Edison International and this commitment that are not included here.

⁴ The 2021 emissions inventory includes as an input "retail sales," which was calculated using a different methodology in 2021 compared to prior years.

⁵ SCE's 2022 Scope 1, 2 and 3 inventories were successfully verified by a third party in accordance with The Climate Registry (TCR) protocols. 2020, 2021 and 2023 inventories are expected to be verified later in 2024.

⁶ Scope 2 and 3 emissions for 2022 have been updated to reflect final purchased power data from SCE's Power Source Disclosure Program (PSDP) filings, which was finalized and submitted after the preparation of the 2022 Sustainability Report. Additionally, 2021 and 2022 emissions have been updated due to further methodology refinement related to Scope 3 power purchases and Scope 2 transmission and distribution line losses to improve accuracy and reliability of our sustainability metrics and to better align with TCR and GHG protocols. The enhancements introduced reflect our commitment to data accuracy, as identified through the collaborative insights gained during the third-party verification process.

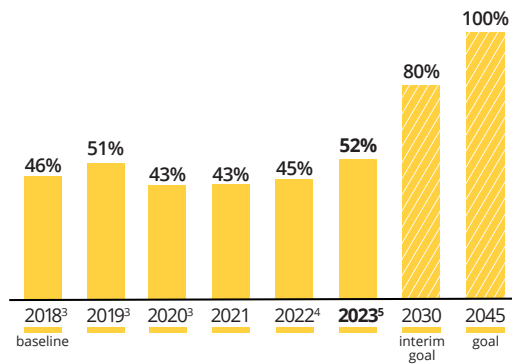
⁷ The 2023 emissions inventory is an estimate.

CLEAN ENERGY TRANSITION

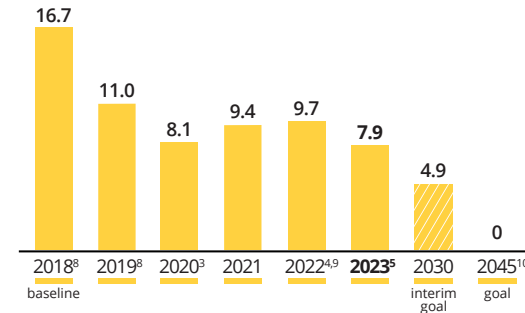
GOAL:

Deliver 100% carbon-free power in terms of retail sales to SCE customers by 2045.¹

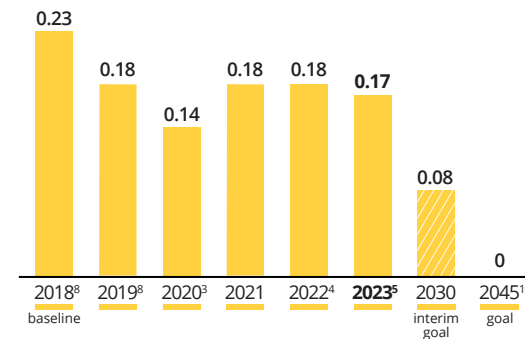
Carbon-Free Power as a Percentage of Retail Sales²



Historical and Projected GHG Emissions from SCE's Delivered Power (MMT CO₂e)^{6,7}



Historical and Projected GHG Emissions Intensity of SCE's Delivered Power (MT CO₂e/MWh)^{6,7}



¹ Edison International's Clean Energy Transition goal is aligned with state of California law, in particular California Public Utilities Code Section 454.53(a), which became law through Senate Bill 100 on September 10, 2018. It relates to the power SCE delivers to customers, in terms of retail sales, which is a combination of SCE's utility-owned generation (UOG) and purchased power. The GHG emissions metric covers the relevant portion of Scope 1 and Scope 3 emissions related to SCE's UOG and purchased power.

² 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.

³ In 2021, SCE updated its "retail sales" accounting to net out excess generation stemming from net-energy metering customers who generate power through rooftop solar and sell the excess back to the grid. This reduces SCE's retail sales by approximately 3% and has the downstream effect of reducing, from an accounting perspective, the amount of "unspecified" energy SCE purchases on behalf of customers and those associated emissions. It also increases, from an accounting perspective, the proportion of specified resources, such as Renewable Portfolio Standard (RPS)-eligible energy, in SCE's retail sales. This updated approach more accurately reflects the load served and power purchased on behalf of and sold to SCE customers. Data year 2020 and prior have not been updated, however, and a year-over-year comparison is not feasible.

⁴ 2022 delivered power mix data and associated emissions reflect final data from SCE's PSDP filing in June 2023, as well as other refined data inputs, and have been updated from the estimate shown in the 2022 Sustainability Report. "Carbon-free Power as a Percentage of Retail Sales" remained the same at 45%. "Historical and Projected GHG Emissions from SCE's Delivered Power (MMT CO₂e)" was updated for 2020 from 12.4 to 8.1, for 2021 from 11.5 to 9.4, and for 2022 from 11.0 to 9.7 MMT CO₂e. "Historical and Projected GHG Emissions from SCE's Delivered Power (MT CO₂e/MWh)" was updated for 2020 from 0.21 to 0.14, for 2021 from 0.20 to 0.18, for 2022 from 0.20 to 0.18 MMT CO₂e/MWh. Updates are due to methodology refinements (see footnote 7 on p. 95).

⁵ This is an estimate of SCE's 2023 delivered power mix using the methodology prescribed by the California Energy Commission's (CEC) PSDP as of April 2, 2024. SCE's final PSDP report will be filed with the CEC on June 1, 2024, and may include data that differs from the estimate shown here to reflect subsequent changes or clarifications to PSDP's methodology and reporting template. Numbers do not sum due to rounding. 2022 delivered power mix data and associated emissions reflect final data from SCE's PSDP filing in June 2023, as well as other refined data inputs, and have been updated from the estimate.

⁶ This projection is dependent on variable factors, including, but not limited to, SCE's load size, weather and other conditions affecting peak demand, GHG emissions and retail sale accounting rules in the state of California, and regulatory approvals for procurement. SCE reviews and updates, as needed, this projection annually.

⁷ This projection is based on SCE's sector-specific GHG emissions target prescribed by the CPUC and aligned with the California Air Resources Board's (CARB) 2022 Scoping Plan. It uses public data as an input, including related to the CEC Integrated Energy Policy Report and CPUC IRP. The methodology used to project future emissions differs from the methodology used to calculate historical emissions, which is based on The Climate Registry (TCR) GHG emissions reporting protocols.

⁸ The emissions data and related intensity metrics were updated using enhanced methodology beginning for data year 2020 after the 2022 Sustainability Report was published, when the company began receiving third-party assurance on GHG emissions. The term '2018 Baseline' denotes the year when the company established the 100% carbon-free power commitment.

⁹ SCE's 2022 Scope 1, 2 and 3 inventories were successfully verified by a third party in accordance with TCR protocols. 2020, 2021 and 2023 inventories are expected to be verified later in 2024.

¹⁰ SCE anticipates that the GHG emissions and GHG emissions intensity of its delivered power in terms of retail sales will be at or near zero in 2045. There may still be carbon-emitting resources in the system, however, as outlined in footnote 2. While retail sales would be considered carbon-free, any residual carbon-emitting resource in the system would result in Scope 1, 2 and/or 3 emissions above zero.

ELECTRIFICATION

GOAL:

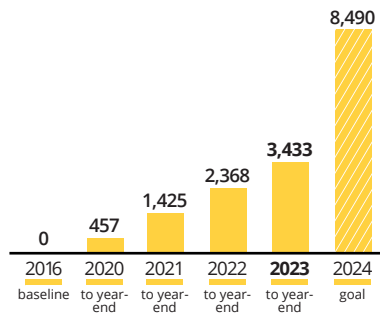
By 2024, obtain SCE customer commitments to deploy 8,490 medium- and heavy-duty electric vehicles (EVs) at 870 sites through SCE's Charge Ready Transport program.¹

GOAL:

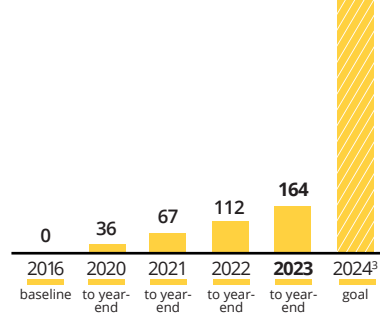
By 2025, obtain SCE customer commitments to deploy (or commit to deploy for utility-owned installations) at least 41,000 EV charge ports to serve at least 2,200 sites through SCE's Charge Ready light-duty vehicle charging programs.⁴

SCE CUSTOMER COMMITMENTS RECEIVED²

Vehicles

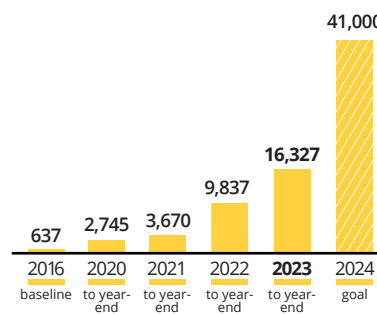


Sites

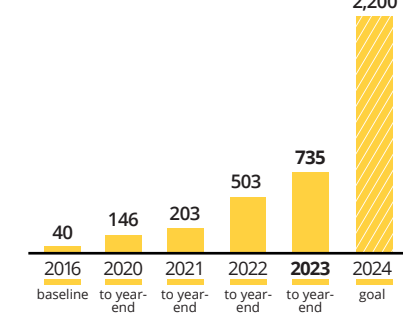


SCE CUSTOMER COMMITMENTS RECEIVED²

Ports



Sites

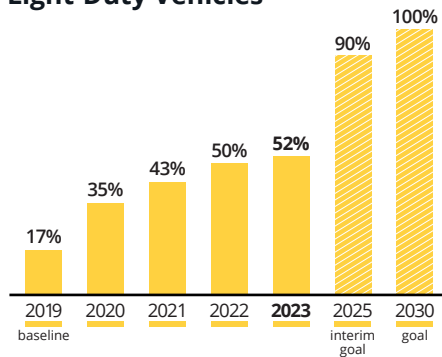


GOAL:

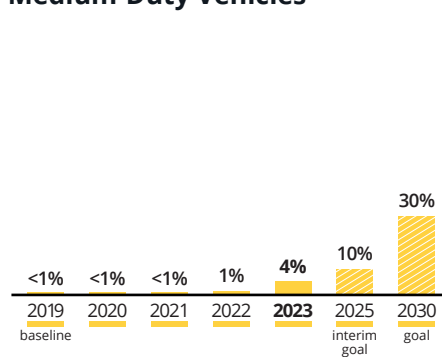
By 2030, within SCE's transportation fleet, electrify 100% of light-duty vehicles, 30% of medium-duty vehicles, 8% of heavy-duty vehicles and 60% of forklifts.^{5,6,7}

SCE TRANSPORTATION FLEET

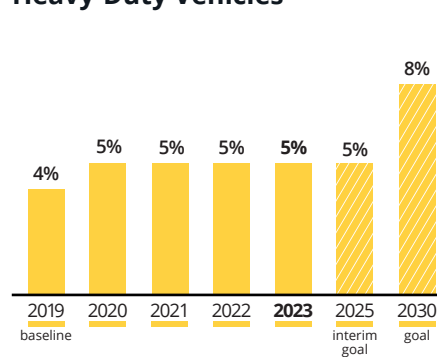
Light-Duty Vehicles



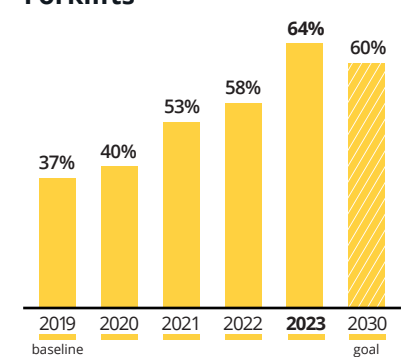
Medium-Duty Vehicles



Heavy-Duty Vehicles



Forklifts



¹ This goal is tied to SCE's Charge Ready Transport application, which was approved on May 31, 2018. The program was formally launched on May 20, 2019.

² The historical data for our electrification goals has been updated to reflect post-agreement modifications and other improvements. These adjustments account for the dynamic nature of this sector, including the addition of new applications, the withdrawal of others and other refinements to help improve the accuracy of our sustainability metrics. Please note that the historical values presented in this report are based on data that was accurate at the time of reporting and are thus subject to future revisions.

³ CPUC decision D.18-05-040, OP 2, recognized and approved SCE's recommendation to reduce the minimum number of sites to 500 and extend deadlines for commitments until the end of 2026, given challenges in market forces affecting medium- and heavy-duty vehicle adoption.

⁴ This goal is tied to SCE's Charge Ready Pilot, approved on January 25, 2016; the pilot's extension, approved on December 13, 2018; Charge Ready Schools and Charge Ready State Parks & Beaches, approved on November 13, 2019; and Charge Ready 2, approved on August 27, 2020.

⁵ SCE's transportation fleet electrification goals align with [Countdown to 2045](#) and are based on the proportion of plug-in EVs, 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, are also counted as part of the heavy-duty goal. Forklifts exclude rough-terrain forklifts and telehandlers.

⁶ Vehicle weight classifications are as follows: Light-Duty Vehicles (DOT Class 1, ≤ 6k GVW), Medium-Duty Vehicles (DOT Classes 2 and 3, > 6k to ≤ 14k GVW) and Heavy-Duty Vehicle Class (DOT Classes 4-8, > 14k GVW).

⁷ Goals contingent on original equipment manufacturer vehicle availability and funding approval through the CPUC.

See [Electrification](#) for more details about our performance.

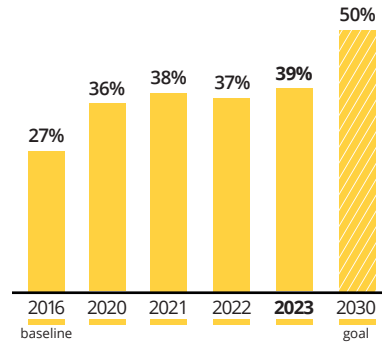


DIVERSITY, EQUITY & INCLUSION (DEI)

GOAL:

Achieve gender parity in executive roles by 2030.¹

GENDER PARITY IN EXECUTIVE ROLES



PUBLIC SAFETY

GOAL:

No serious injuries to the public from failure of SCE's electrical system.²

SERIOUS INJURIES TO THE PUBLIC

2018: 0 — achieved
2019: 1 — not achieved
2020: 1 — not achieved
2021: 0 — achieved
2022: 1 — not achieved
2023: 2 — not achieved

WORKFORCE SAFETY & HEALTH

GOAL:

No worker (employee or contractor) fatalities.²

EMPLOYEE FATALITIES

2018: 0 — achieved
2019: 0 — achieved
2020: 0 — achieved
2021: 0 — achieved
2022: 0 — achieved
2023: 1 — not achieved³

CONTRACTOR FATALITIES

2018: 2 — not achieved
2019: 3 — not achieved
2020: 3 — not achieved
2021: 1 — not achieved
2022: 1 — not achieved⁴
2023: 0 — achieved

GOAL:

By 2026, improve employee physical and psychological safety as measured by safety culture assessment. Measured by an in-depth safety culture survey of Edison International and SCE employees conducted once every three years.⁵

¹ Edison International's DEI goal is framed around the public commitment Edison International made to Paradigm for Parity in 2016. Paradigm for Parity is focused on gender parity in "Senior Operating Roles," which Edison International defines as Edison International, SCE and Trio executives, i.e., officers and directors (Trio executives include officers only), by 2030. Trio is not the same company as SCE, the utility, and Trio is not regulated by the CPUC.

² Edison International and SCE have foundational safety, compliance and system operations goals as part of their executive and nonexecutive annual incentive programs. These foundational goals include no employee fatalities or serious injuries to the public from system failure. Learn more by visiting Edison International's [2024 Proxy Statement](#), pp. 31-41.

³ An SCE employee tragically passed while on the job in January 2023, due to electrical contact.

⁴ One employee of an SCE contractor suffered fatal injuries in 2022, as a result of a vehicle-related incident (see [Safety Performance](#) for additional details about SCE's response).

⁵ In 2017, SCE invested in an in-depth assessment of our safety culture because 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 by 2026 to one where employees choose to act safely for not only themselves, but also for their peers. The company's 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 the company's collective mission. Note: This internal assessment differs from the annual safety culture assessment that the Office of Electrical Infrastructure Safety conducts for each electrical corporation.



See [Safety Performance](#) for more details.



⁶ The 2020 assessment indicated the company's safety culture has progressed from being squarely in Phase 2 ("I have to") in 2017, to strong leading elements of Private Compliance ("I choose to for me") with some lagging elements of Phase 2. While we aren't fully anchored in Phase 3, the 2020 safety culture assessment demonstrates strong indicators of progress (see [2020 Sustainability Report](#) for more details). The 2023 assessment is in progress.

NON-GAAP RECONCILIATION

RECONCILIATION OF NET INCOME (LOSS) TO CORE EARNINGS

(in millions)	Year Ended December 31,			(in millions)	Year Ended December 31,		
	2021	2022	2023		2021	2022	2023
NET INCOME (LOSS) ATTRIBUTABLE TO EDISON INTERNATIONAL				LESS: NON-CORE ITEMS			
Southern California Edison	\$ 829	\$ 847	\$1,474	Edison International Parent and Other			
Edison International Parent and Other	(70)	(235)	(277)	Customer revenues for EIS insurance contract, net of claims	24	36	42
Edison International	\$759	\$612	\$1,197	Income tax benefit from Settlement of 2007–2012 California tax audits	115	—	—
LESS: NON-CORE ITEMS				Income tax expense ²	(7)	(7)	(9)
Southern California Edison				Total non-core items	\$(982)	\$(1,153)	\$(628)
2017/2018 Wildfire/mudslide events claims and expenses, net of recoveries	(1,234)	(1,248)	(634)	CORE EARNINGS (LOSS)³			
Wildfire Insurance Fund expense	(215)	(214)	(213)	Southern California Edison	1,943	2,029	2,135
Upstream lighting program decision	—	(81)	—	Edison International Parent and Other	(202)	(264)	(310)
Impairments	(79)	(64)	—	Edison International	\$1,741	\$1,765	\$1,825
Employment litigation matter, net of recoveries	—	(23)	10				
Organizational realignment charge	—	(14)	—				
Sale of San Onofre nuclear fuel	10	10	—				
Income tax benefits ¹	404	452	257				

¹ SCE non-core items are tax-effected at an estimated statutory rate of approximately 28%.

² Edison International Parent and Other non-core items are tax-effected at an estimated statutory rate of approximately 28%; customer revenues for EIS insurance contract, net of claims are tax-effected at an estimated statutory rate of approximately 20%.

³ See disclaimer on [page 94](#) on use of non-GAAP financial measures.

EARNINGS PER SHARE ATTRIBUTABLE TO EDISON INTERNATIONAL¹

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

	Year Ended December 31,		
	2021	2022	2023
EARNINGS (LOSS) PER SHARE TO EDISON INTERNATIONAL			
Southern California Edison	\$ 2.18	\$ 2.23	\$ 3.84
Edison International Parent and Other	(0.18)	(0.62)	(0.72)
Edison International	\$ 2.00	\$ 1.61	\$ 3.12
LESS: NON-CORE ITEMS			
Southern California Edison			
2017/2018 Wildfire/mudslide events claims and expenses, net of recoveries	(3.25)	(3.27)	(1.65)
Wildfire Insurance Fund expense	(0.57)	(0.56)	(0.56)
Other wildfire claims and expenses, net of recoveries	—	—	(0.09)
2021 Nuclear Decommissioning Cost Triennial Proceeding probable disallowance	—	—	(0.08)
Customer cancellations of certain ECS data services	—	—	(0.04)
Employment litigation matter, net of recoveries	—	(0.06)	0.03
Upstream lighting program decision	—	(0.21)	—
Impairments	(0.21)	(0.16)	—
Organizational realignment charge	—	(0.04)	—
Sale of San Onofre nuclear fuel	0.03	0.03	—
Income tax benefits ²	1.06	1.17	0.66

	Year Ended December 31,		
	2021	2022	2023
Edison International Parent and Other			
Customer revenues for EIS insurance contract, net of claims	0.06	0.09	0.11
Income tax benefit from Settlement of 2007–2012 California tax audits	0.30	—	—
Income tax expense ³	(0.01)	(0.01)	(0.02)
Total non-core items	\$(2.59)	\$(3.02)	\$(1.64)
CORE EARNINGS (LOSS)			
Southern California Edison	5.12	5.33	5.57
Edison International Parent and Other	(0.53)	(0.70)	(0.81)
Edison International	\$ 4.59	\$ 4.63	\$ 4.76

USE OF NON-GAAP FINANCIAL MEASURES

Edison International's earnings are prepared in accordance with Generally Accepted Accounting Principles (GAAP). Management uses core earnings (loss) internally for financial planning and for analysis of performance. Core earnings (loss) 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 (loss) are a non-GAAP financial measure and may not be comparable to those of other companies. Core earnings (loss) are defined as earnings attributable to Edison International shareholders less non-core items. Non-core items include 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 write downs, asset impairments, wildfire-related claims and other income and expense related to changes in law, outcomes in tax, regulatory or legal proceedings and exit activities, including sale of certain assets and other activities that are no longer continuing.

¹ EPS items are reported based on weighted-average share count of 383.2 million for 2023, 381.4 million for 2022 and 379.7 million for 2021.

² SCE non-core items are tax-effected at an estimated statutory rate of approximately 28%.

³ Edison International Parent and Other non-core items are tax-effected at an estimated statutory rate of approximately 28%; customer revenues for EIS insurance contract, net of claims are tax-effected at an estimated statutory rate of approximately 20%.

SUSTAINABILITY SCORECARD

COMPANY OVERVIEW			
	2021	2022	2023
Net Income (millions \$)	759	612	1,197
Core Earnings (millions \$) ¹	1,741	1,765	1,825
Basic Earnings per Share (\$)	2.00	1.61	3.12
Core Earnings per Share (\$) ¹	4.59	4.63	4.76
Total Operating Revenue (millions \$)	14,905	17,220	16,338
Total Assets (millions \$)	74,745	78,041	81,758
Total Annual Capital Expenditures (millions \$)*	5,364	5,678	5,411
Number of Customer Accounts (thousands)*	5,201	5,244	5,279
Board of Directors: Total Number of Directors	11	11	11
Total Number of Employees	13,003	13,388	14,375

¹ See Non-GAAP Reconciliations and Use of Non-GAAP Financial Measures on pp. 93-94 in the Appendix.

² Certain 2023 data, as noted, is an estimate and includes as an input SCE's estimated 2023 delivered power mix using the methodology prescribed by the CEC PSDP as of April 2, 2024. SCE's final PSDP report will be filed with the CEC on June 1, 2024, and may include updates to the inputs used in these calculations.

³ RPS Compliance (% of retail sales) for data year 2022 has been updated from 36.2% to 35.8% to reflect revisions to inputs made after the 2022 Sustainability Report was published.

⁴ Certain GHG emissions figures from 2022 have been updated to reflect final purchased power data from SCE's 2022 PSDP filing, which was finalized and submitted after the preparation of the 2022 Sustainability Report. GHG emission figures for 2021 and 2022 also underwent updates based on certain refinements to methodology to better align with The Climate Registry (TCR) protocols. Most notably, transmission and distribution (T&D) losses now include emissions from power SCE delivers to community choice aggregation and direct access customers as well as wheels for other utilities. Updates include: "CO₂e Emissions from Delivered Electricity Rate" for 2021 from 450 to 402 lbs/MWh, and for 2022 from 444 to 405 lbs/MWh, "Scope 1 Emissions" for 2021 from 1.0 to 1.1 MMT CO₂e, and for 2022 from 1.7 to 1.8 MMT CO₂e, "Scope 2 Emissions" for 2021 from 0.8 to 1.5 MMT CO₂e, and for 2022 from 0.7 to 0.9 MMT CO₂e, "Scope 3 Emissions" for 2021 from 11.5 to 9.8 MMT CO₂e, and for 2022 from 11.2 to 9.4 MMT CO₂e and "SF₆ Emissions" for 2021 from 0.05 to 0.09 MMT CO₂e, and for 2022 from 0.07 to 0.12 MMT CO₂e.

⁵ SCE's 2022 Scope 1, 2 and 3 inventories were successfully verified by a third party in accordance with TCR protocols. 2020, 2021 and 2023 inventories are expected to be verified later in 2024.

⁶ Starting in 2023, Edison International will separately disclose location-based and market-based Scope 2 emissions.

⁷ Scope 2 and 3 emissions for 2022 have been updated to reflect final purchased power data from SCE's PSDP filings, which was finalized and submitted after the preparation of the 2022 Sustainability Report. Additionally, 2021 and 2022 emissions have been updated due to further methodology refinement related to Scope 3 power purchases and Scope 2 T&D line losses to improve accuracy and reliability of our sustainability metrics and to better align with TCR and GHG protocols. The enhancements introduced reflect our commitment to data accuracy, as identified through the collaborative insights gained during the third-party verification process.

⁸ In 2023, NO_x mass emissions decreased compared to 2022. Despite this reduction, there was an increase in NO_x emission intensity (measured in lbs/MWh). This apparent increase is related to the operational efficiency of our generating units and selective catalytic reduction performance. For instance, the Barre peaker operated for extended periods at lower loads, which is less efficient. Additionally, Mountainview (which is the most efficient unit) saw reduced operation in 2023 compared to 2022, affecting the overall efficiency of SCE's UOG fleet. Larger number of startup/shutdowns also spike NO_x compared to steady state operations.

⁹ In 2023, SO₂ emissions decreased compared to 2022. Despite this reduction, there was a very small increase (4%) in SO₂ emissions intensity (measured in lbs/MWh). This apparent increase is related to the operational efficiency of our generating units. For instance, the Barre peaker operated for extended periods at lower loads, which is less efficient. Additionally, Mountainview (which is the most efficient unit) saw reduced operation in 2023 compared to 2022, affecting the overall efficiency of SCE's UOG fleet. Because SO₂ is more dependent on fuel burnt than the generation efficiency, the impact to this metric is lower as compared to NO_x. Also note, a portion of the data with respect to Mountainview fuel use is under review.

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TRANSITION TO A CLEAN ENERGY FUTURE				
	2021	2022	2023	2022-2023 COMPARISON
Carbon-Free Power (% of retail sales)*	43	45	52²	■
RPS Compliance (% of retail sales)*	34.8	35.8 ³	40.8	■
CO ₂ e Emissions from Owned Electricity Rate (lbs/MWh)*	214	336	228²	■
CO ₂ e Emissions from Delivered Electricity Rate (lbs/MWh)*	402 ⁴	405 ⁴	374²	■
Scope 1 Emissions (million metric tons CO ₂ e)	1.1 ⁴	1.8 ^{4,5}	1.2²	■
Scope 2 Emissions (million metric tons CO ₂ e) — Location-Based ^{6,7}	1.5 ⁴	0.9 ^{4,5}	0.9²	□
Scope 2 Emissions (million metric tons CO ₂ e) — Market-Based ^{6,7}	1.5 ⁴	0.9 ^{4,5}	0.9²	□
Scope 3 Emissions (million metric tons CO ₂ e) ⁷	9.8 ⁴	9.4 ^{4,5}	7.9²	■
SF ₆ Emissions (million metric tons CO ₂ e)	0.09 ⁴	0.12 ⁴	0.05	■
NO _x Emissions Rate of UOG (lbs/MWh)*	0.16	0.07	0.09	⚡ ⁸
NO _x Emissions from UOG (metric tons)*	163	136	115	■
SO ₂ Emissions Rate of UOG (lbs/MWh)*	0.005	0.004	0.005	⚡ ⁹
SO ₂ Emissions from UOG (metric tons)*	4.7	8.1	5.7	■
Mercury Emissions (lbs/MWh)*	0	0	0	□
Customer Energy Efficiency: GWh % of CPUC Goals* ¹⁰	159	104	98	⚡ ¹¹
Customer Energy Efficiency: MW % of CPUC Goals* ¹⁰	130	100	94	⚡ ¹¹
Customer Energy Efficiency: (MW)* ¹⁰	266	248	254	⚡ ¹¹
Percent of Active Customer Accounts with Smart Meters (%)* ¹²	99.21	99.21	99.23	■

Note: 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. In addition, Alfa Energy Ltd., an international energy and sustainability consultancy based in the United Kingdom and acquired by Trio¹² in October 2022, is excluded from all relevant metrics, with the exception of 2022 data metrics related to female representation among Edison International's workforce, leaders and executives.

¹⁰ 2023 data related to Customer Energy Efficiency metrics is an estimate based on best-available data at the time of report publication. SCE's performance includes performances from Regional Energy Networks operating energy efficiency programs within SCE's territory.

¹¹ SCE did not meet its annual California Public Utilities Commission (CPUC) energy efficiency goals in 2023 due to a significant increase in the goal from 2022. The Energy Efficiency market continues to undergo a transformation to a new program administration and implementation model that includes mostly statewide and third-party designed and implemented programs. This, and other factors, have resulted in near-term challenges in the market that SCE is working to address. See SCE's opening comments on the Potential & Goals Study for 2024 and Beyond in Rulemaking R.13-11-005.

¹² Trio is not the same company as SCE, the utility, and Trio is not regulated by the CPUC.

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DIVERSITY, EQUITY AND INCLUSION				
	2021	2022	2023	2022-2023 COMPARISON
Board of Directors: Females as % of Directors	36	45	45	□
Board of Directors: Diverse Race/Ethnicity as % of Directors	36	36	36	□
Board of Directors: Self-Identified LGBTQ+ as % of Directors	9	9	9	□
Board of Directors: Combined Diversity as % of Directors	64	73	73	□
Diversity: Females as % of Workforce ¹	32	32	32	□
Diversity: Females as % of Leaders ¹	27	27	27	□
Diversity: Females as % of Executives ¹	38	37	39	■
Diversity: Diverse Race/Ethnicity as % of Workforce ¹	62	63	64	■
Diversity: Diverse Race/Ethnicity as % of Leaders ¹	51	53	54	■
Diversity: Diverse Race/Ethnicity as % of Executives ¹	36	36	33	⚡ ²
Diversity: Combined as % of Workforce ¹	71	72	72	□
Diversity: Combined as % of Leaders ¹	62	63	64	□
Diversity: Combined as % of Executives ¹	62	61	60	⚡ ²
Employee Engagement (% favorable) ¹	82	82	85	■
Turnover Rate (%) ¹	7.5	7.5	5.4	■

Note: 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. In addition, Alfa Energy Ltd., an international energy and sustainability consultancy based in the United Kingdom and acquired by Trio⁵ in October 2022, is excluded from all relevant metrics, with the exception of 2022 data metrics related to female representation among Edison International's workforce, leaders and executives.

¹ Representation as of December 31 of the reporting year. Employee-related metrics exclude interns and those on a leave of absence. Part of Trio excluded from race/ethnic representation due to restrictive international reporting. Trio is not the same company as SCE, the utility, and Trio is not regulated by the CPUC.

² Given a smaller population in this category, minor changes to the number of executive roles or the number of executives overall can result in greater variability within the metric.

³ SCE's year-over-year decrease in "Supplier Diversity Spend" is due to a change in contracts resulting from procurement bidding process (see [SCE's 2023 Supplier Diversity Annual Report & 2024 Annual Plan](#)).

⁴ J.D. Power scores are comparative metrics to peers. SCE tracks customer satisfaction using a range of benchmarks (see [Customer Experience](#) for more details).

⁵ Trio is not the same company as SCE, the utility, and Trio is not regulated by the CPUC.

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CUSTOMERS AND COMMUNITIES				
	2021	2022	2023	2022-2023 COMPARISON
Supplier Diversity Spend (billions \$)*	2.44	2.42	2.26	⚡ ³
Supplier Diversity Spend Rate Percentage (%)*	38.05	35.42	38.32	■
Customer Satisfaction: J.D. Power & Associates Survey Results — Electric Residential (out of possible score of 1,000)*	744	722	702	⚡ ⁴
Customer Satisfaction: J.D. Power & Associates Survey Results — Electric Business (out of possible score of 1,000)*	771	761	757	⚡ ⁴
Community Investments: Contributions by Shareholders from Pre-Tax Earnings from Operations (millions \$)	20.0	20.0	20.0	□
Community Investments: Contributions to Nonprofit Organizations by Employees (millions \$)	1.8	2.1	2.1	□
Community Investments: Employee & Retiree Volunteer Hours	48,944	55,666	59,485	■

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OPERATIONS AND ENVIRONMENT				
	2021	2022	2023	2022-2023 COMPARISON
Safety: Employee OSHA Recordable Rate	1.91	1.97	1.99	⚡ ¹
Safety: Employee Lost Workday Case Rate	0.79	0.94	1.07	⚡ ¹
Safety: Employee DART Rate	1.03	1.16	1.45	⚡ ¹
Safety: Employee Fatalities	0	0	1	⚡ ²
Safety: Employee Serious Injuries	8	11	11	□
Safety: Employee SIF Rate	0.061	0.087	0.088	⚡ ¹
Safety: Tier 1 Contractor OSHA Recordable Rate	0.57	0.43	0.53	⚡ ³
Safety: Tier 1 Contractor DART Rate	0.36	0.25	0.42	⚡ ⁴
Safety: Contractor Fatalities	1	1	0	—
Safety: Tier 1 Contractor Serious Injuries	13	6	10	⚡ ⁵
System Reliability: SAIDI (minutes, repair only)*	103.82	101.03 ⁶	95.86	■
System Reliability: SAIFI (occurrences, repair only)*	0.96	0.96 ⁶	0.94	■
System Reliability: CAIDI (minutes, repair only)*	108.10	104.83 ⁶	102.31	■
Amount of Hazardous Waste Disposed (tons)*	7,655	2,571	3,057	⚡ ⁷
Environmental-Related Inspections with No NOVs Issued (% of total inspections) ⁸	97	98	97	⚡ ⁹
Environmental-Related Settlements, Fines and Penalties (\$)*	\$358,250	\$2,432	\$79,750	⚡ ⁹
Number of Environmental-Related Noncompliance Events With Fine*	5 ⁸	4 ⁸	4	□
Consumptive Fresh Water Use — Fossil Fuel Generation (million gallons)*	356	535	348	■
Habitat Protected, Enhanced or Restored (acres) ¹⁰	106	356	8	⚡ ¹¹

Note: 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. In addition, Alfa Energy Ltd., an international energy and sustainability consultancy based in the United Kingdom and acquired by Trio¹² in October 2022, is excluded from all relevant metrics, with the exception of 2022 and 2023.

¹ Edison International's enterprisewide performance related to serious injuries, Days Away, Restrictions and Transfers (DART) rate and other safety metrics covering sprains, strains and related injuries worsened in 2023, reflecting a return to average rates following the lower rates experienced during the pandemic. SCE has expanded its plan to target injuries among field employees that result in the most DART categories by engaging local leaders to create actions based on safety data (see [Safety](#) for more details).

² An SCE employee tragically passed while on the job in January 2023, due to electrical contact. Edison International makes every effort to eliminate fatalities and serious injuries and reduce all injuries (see [Safety](#) for more details).

³ 2023 showed a 23% increase in contractor OSHA rate, however the overall OSHA rate continues to remain substantially reduced since 2020. The 2023 rate is 15% lower than the five-year average historical average (2018-2022). To help eliminate Serious Injury and Fatality (SIF) incidents and reduce overall injuries among our contractor workers, SCE meets with contractors to review incidents, discuss root causes and align on corrective actions (see [Safety](#) for more details).

⁴ While there was a 68% increase in Contractor DART rate since 2022, this represents only a 7% increase over the five-year average historical average which, has shown only minor yearly variations from 2018-2022. Mitigation of DART incidents is included in SCE's overall SIF reduction programs; publication of weekly incident summaries include case studies for both SCE employees and contractors summarizing minor injury reports and close calls to raise awareness, provide incident learnings, corrective actions and safety reminders.

⁵ 2023 showed a 67% increase in contractor serious injury count compared to 2022, caused by four additional contractor injuries, while performing more than 17 million contractor hours of work. Overall serious injury counts have been substantially reduced since 2020, and the 2023 count is 32% lower than the five-year average historical average (2018-2022).

⁶ 2022 metrics have been updated to reflect further validation that occurred after the publication of the 2022 Sustainability Report: SAIDI restated from 101.03 to 96.00, SAIFI restated from 0.96 to 0.92 and CAIDI restated from 104.83 to 103.94.

⁷ In 2023, there was an uptick in the volume of hazardous waste materials, such as soil, debris and asbestos, due to escalated field project activities as well as disposal of outdated safety material.

⁸ In 2023, SCE received four Notices of Violations (NOVs), three related to air quality compliance deviations with emergency generators (2) and fleet fueling (1) requirements and one related to water quality discharge permit limit exceedance. Separately, the values for Environmental-Related Noncompliance Events in 2021 and 2022 were revised from four NOVs to five NOVs, and from three NOVs to four NOVs, respectively, due to a noncompliance settlement with a regulatory agency occurring post the 2022 Sustainability Report date.

⁹ Payments were made in 2023 for a number of incidents that occurred in previous years, including NOVs received between 2019 and 2022 related to fossil fuel generating air quality compliance and an exceedance of water quality discharge limits that occurred in 2022. SCE evaluates these incidents to identify causes and make durable and sustainable process improvements to prevent reoccurrence of similar incidents.

¹⁰ In previous reports, the metric was presented on a cumulative basis, with a baseline established in 2012. Due to challenges in verifying the baseline data, we have revised our reporting methodology to reflect annual data, starting with the current reporting year. This change allows for greater transparency and accuracy, ensuring that our sustainability metrics are both reliable and verifiable.

¹¹ The year-over-year decline indicates a reduction in the area of habitat impacted by our activities. Mitigation and restoration efforts play a crucial role in offsetting our impact on natural habitats, ensuring environmental sustainability.

¹² Formerly known as Edison Energy, Altenex Energy and Alfa Energy, the group has unified under the new name "Trio", operating under Edison Energy, LLC, an indirect, wholly-owned, non-utility subsidiary of Edison International, to enhance its global sustainability and energy advisory services. Trio is not the same company as SCE, the utility, and Trio is not regulated by the CPUC.

DEFINITIONS

Amount of Hazardous Waste Disposed (tons)

Includes federal and state regulated hazardous waste disposed of via landfill, incineration, wastewater treatment or chemical treatment. San Onofre Nuclear Generating Station (SONGS) is included in this metric.

Board of Directors: Combined Diversity as % of Directors

Female and/or diverse race/ethnicity as % of total number of directors (see “Diversity” metric definitions).

Carbon-Free Power (% Retail Sales)

Renewable energy or other carbon-free resources, such as power from nuclear or large hydroelectric, calculated based on the [California Energy Commission \(CEC\) Power Source Disclosure Program \(PSDP\) methodology for the Power Content Label](#) as prescribed for each respective reporting year and as % of retail sales.

CO₂e Emissions from Delivered Electricity Rate (lbs/MWh)

Carbon dioxide equivalent (CO₂e) 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. The denominator includes electric power generation from all sources of SCE equity-owned generation and purchased power (specified and unspecified power purchases) delivered to electric power customers.

CO₂e Emissions from Owned Electricity Rate (lbs/MWh)

CO₂e emissions associated with electric power generation from all sources of SCE equity-owned generation. The denominator includes electric power generation from all sources of SCE equity-owned generation delivered to electric power customers.

Consumptive Fresh Water Use — Fossil Fuel Generation (million gallons)

Consumptive water use is water removed from available supplies without return to a water resource system (e.g., water used in manufacturing, agriculture and food preparation that is not returned to a stream, river or water treatment plant). The rate of fresh water consumed for use in thermal generation. “Fresh water” includes water sourced from fresh surface water, groundwater, rainwater and fresh municipal water. It does not include recycled, reclaimed or gray water.

Customer Energy Efficiency: GWh % of California Public Utilities Commission (CPUC) Goals

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

Customer Energy Efficiency: MW % of CPUC Goals

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

Diversity: Board of Directors

Edison International Board of Directors.

Diversity: Combined

Female and/or racially/ethnically diverse (i.e., not “white” and “male”).

Diversity: Diverse Race/Ethnicity

All races/ethnicities other than “white.”

Diversity: Executives

Officers and directors (Trio¹ executives include officers only).

Diversity: Leaders

Principal managers, senior managers, managers, senior supervisors and supervisors (Trio¹ leaders include directors).

Diversity: Workforce

All employees, including leaders and executives.

Employee Engagement

Represents percent of employees who responded favorably to employee engagement-related questions in employee Pulse survey. The Pulse survey is voluntary and administered to all employees annually to measure their reactions to key aspects of the work environment, with approximately one-fourth of the employee population (enterprisewide) receiving the survey each quarter.

Environmental-Related Inspections with No NOVs Issued (% of total inspections)

Percentage of regulatory agency inspections related to environmental compliance requirements that did not result in an issuance of Notices of Violation (NOVs) by the regulatory agency. NOVs are typically issued when the regulatory agency believes the recipient was noncompliant with one or more regulatory requirements.

Environmental-Related Settlements, Fines and Penalties (\$)

Payment made in response to an environmental-related noncompliance activity. Payment is attributed to the year in which the payment was made.

¹ Formerly known as Edison Energy, Altenex Energy and Alfa Energy, the group has unified under the new name “Trio”, operating under Edison Energy, LLC, an indirect, wholly-owned, non-utility subsidiary of Edison International, to enhance its global sustainability and energy advisory services. Trio is not the same company as SCE, the utility, and Trio is not regulated by the CPUC.

NO_x Emissions from Power Generation (metric tons)

Nitrogen oxide (NO_x) emissions rate associated with electric power generation includes Mountainview Generating Station, the five Peakers and Pebbly Beach Generating Station, using [U.S. Environmental Protection Agency \(EPA\) Part 75 Acid Rain](#) reported values. NO_x emissions rate associated with electric power generation from all sources of SCE equity-owned generation, using EPA Part 75 Acid Rain methodology.

NO_x Emissions Rate of Utility-Owned Generation (UOG) (lbs/MWh)

NO_x emissions rate associated with electric power generation from all sources of SCE equity-owned generation, using the EPA Part 75 Acid Rain methodology. The denominator includes electric power generation from all sources of SCE equity-owned generation.

Number of Environmental-Related Noncompliance Events with Fine

Number of noncompliant environmental-related permit events that required a payment by the regulatory agency. Noncompliance event is attributed to the year in which the agency issued the letter or notice of noncompliance/violation.

Renewables Portfolio Standard (RPS) Compliance (% Retail Sales)

Eligible renewable energy generation (or compliance credits) as prescribed by the CEC in its [RPS Eligibility Guidebook](#), 9th Edition as a % of retail sales.

Safety: Employee Days Away, Restrictions and Transfers (DART) Rate

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)/reported hours worked. Safety metrics reflect classification determinations made by mid-January for the year prior. Prior-year metrics are kept static for year-over-year comparison purposes.

Safety: Employee Fatalities

Number of employee work-related deaths. Safety metrics reflect classification determinations made by mid-January for the year prior. Prior-year metrics are kept static for year-over-year comparison purposes.

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 metrics reflect classification determinations made by mid-January for the year prior. Prior-year metrics are kept static for year-over-year comparison purposes.

Safety: Employee Occupational Safety and Health Administration (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)/reported hours worked. Safety metrics reflect classification determinations made by mid-January for the year prior. Prior-year metrics are kept static for year-over-year comparison purposes.

Safety: Employee Serious Injuries

Number of employee work-related serious injuries as defined by [Edison Electric Institute \(EEI\)](#) criteria, which includes injuries that meet any of the following “serious” criteria: amputations (involving bone); concussions and/or cerebral hemorrhages; injury to internal organs; bone fractures excluding fingers and toes, compound bone fractures for fingers and toes; tendon and ligament tears; herniated disks (neck or back); lacerations resulting in severed tendons and/or a deep wound requiring internal stitches; second- or third-degree burns; eye injuries resulting in eye damage or loss of vision; injections of foreign materials; severe heat exhaustion and all heat stroke; and dislocation of a major joint. Safety metrics reflect classification determinations made by mid-January for the year prior. Prior-year metrics are kept static for year-over-year comparison purposes.

Safety: Employee Serious Injury and Fatality (SIF) Rate

Total company SIF rate as defined by EEI criteria, calculated as (count of serious injuries and fatalities x 200,000)/reported hours worked. Refer to “Safety: Employee Serious Injuries” for a description of EEI Serious Injury criteria. Safety metrics reflect classification determinations made by mid-January for the year prior. Prior-year metrics are kept static for year-over-year comparison purposes.

Safety: Tier 1 Contractor DART Rate

Number of contractor work-related serious injuries as defined by EEI criteria. Excludes contractors managed by the decommissioning general contractor engaged by SCE to undertake a significant scope of decommissioning activities at SONGS. Safety metrics reflect classification determinations made by mid-January for the year prior. Prior-year metrics are kept static for year-over-year comparison purposes.

Safety: Tier 1 Contractor Fatalities

Number of Tier 1 contractor work-related deaths. Excludes contractors managed by the decommissioning general contractor engaged by SCE to undertake a significant scope of decommissioning activities at SONGS. Safety metrics reflect classification determinations made by mid-January for the year prior. Prior-year metrics are kept static for year-over-year comparison purposes.

Safety: Tier 1 Contractor OSHA Recordable Rate

Tier 1 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 OSHA. Excludes contractors managed by the decommissioning general contractor engaged by SCE to undertake a significant scope of decommissioning activities at SONGS. Safety metrics reflect classification determinations made by mid-January for the year prior. Prior-year metrics are kept static for year-over-year comparison purposes.

Safety: Tier 1 Contractor Serious Injuries

Number of Tier 1 contractor work-related serious injuries as defined by EEL criteria (refer to “Safety: Employee Serious Injury”). Excludes contractors managed by the decommissioning general contractor engaged by SCE to undertake a significant scope of decommissioning activities at SONGS. Safety metrics reflect classification determinations made by mid-January for the year prior. Prior-year metrics are kept static for year-over-year comparison purposes.

Safety: Tier 1 Contractors

Individuals assigned to contracted work activities that may be high risk and, without implementation of appropriate safety measures, may be potentially hazardous or life threatening. Excludes contractors managed by the decommissioning general contractor engaged by SCE to undertake a significant scope of decommissioning activities at SONGS. Safety metrics reflect classification determinations made by mid-January for the year prior. Prior-year metrics are kept static for year-over-year comparison purposes.

Scope 1 Emissions (million metric tons CO₂e)

Scope 1 includes GHG emissions under the direct control of SCE, including UOG, stationary combustion (heating equipment, emergency generators), transportation (SCE-owned and/or operated fleet) and fugitives [refrigerants and sulfur hexafluoride (SF₆) from transmission and distribution (T&D) equipment].

Scope 2 Emissions (million metric tons CO₂e)

Scope 2 includes indirect emissions required for business processes, including facility energy use (electricity) and transmission and distribution losses associated with all the power that flows across SCE's wires including wheeled power.

Scope 3 Emissions (million metric tons CO₂e)

Scope 3 includes indirect emissions released as a consequence of the activities of the company, including specified power purchases and unspecified power purchases, employee commuting and business travel, emissions from waste and wastewater, and supply/value chain emissions associated with purchased goods and services, capital goods and upstream transportation and distribution.

SF₆ Emissions (million metric tons CO₂e)

SF₆ emissions associated with SCE T&D equipment, as reported to the EPA.

SO₂ Emissions from Power Generation (metric tons)

Sulfur dioxide (SO₂) emissions associated with electric power generation from all sources of SCE equity-owned generation, using [EPA Part 75 Acid Rain](#) methodology.

SO₂ Emissions from UOG (metric tons)

SO₂ emissions associated with electric power generation from all sources of SCE equity-owned generation, using EPA Part 75 Acid Rain methodology.

SO₂ Emissions Rate of UOG (lbs/MWh)

SO₂ emissions rate associated with electric power generation from all sources of SCE equity-owned generation, using EPA Part 75 Acid Rain methodology. The denominator includes electric power generation from all sources of SCE equity-owned generation.

Supplier Diversity Spend Rate Percentage (%)

SCE's total annual supplier diversity spend/total annual procurement spend. Diverse suppliers are defined as Women, Minority, Disabled Veteran, Lesbian, Gay, Bisexual and Transgender and Persons with Disabilities Business Enterprises.

System Reliability: Customer Average Interruption Duration Index (CAIDI) (minutes, repair only)

CAIDI is the average repair outage duration (in minutes) per SCE customer interruption (average time to restore service). Excludes major event days in alignment with [Institute of Electrical and Electronics Engineers \(IEEE\)](#) recommendations.

System Reliability: System Average Interruption Duration Index (SAIDI) (minutes, repair only)

SAIDI 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: System Average Interruption Frequency Index (SAIFI) (occurrences, repair only)

SAIFI 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.

Turnover

Number of employees leaving the company by voluntary (retirement), voluntary (other) or involuntary reasons during the reporting year divided by the total number of employees as of December 31 of the reporting year.

SASB INDEX

EDISON SASB INDEX — ELECTRIC UTILITIES AND POWER GENERATORS STANDARD

This is Edison International's fifth year reporting metrics in accordance with the Sustainability Accounting Standards Board (SASB) framework. Data included in this disclosure may differ from data included elsewhere in the report or in other disclosures to conform to the SASB reporting standards. Unless otherwise specified, metrics reflect SCE performance only. Reporting on several metrics has evolved this year to match SASB's definitions more closely. Remaining deviations are noted.

TOPIC	ACCOUNTING METRIC	CATEGORY	UNIT OF MEASURE	CODE	2023 EDISON INTERNATIONAL COMPANY RESPONSE
Greenhouse Gas Emissions & Energy Resource Planning	Gross global Scope 1 emissions, percentage covered under (2) emissions-limiting regulations and (3) emissions-reporting regulations	Quantitative	Metric tons (t) CO ₂ e, Percentage (%)	IF-EU-110a.1	Appendix: Sustainability Scorecard 99.9% of Scope 1 emissions are covered under a regulatory program Note: SCE updated its calculation methodology to include mobile sources.
	Greenhouse gas (GHG) emissions associated with power deliveries	Quantitative	Metric tons (t) CO ₂ e	IF-EU-110a.2	Appendix: Sustainability Scorecard
	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	Part I: Leading the Clean Energy Transition — Edison International's Path to Net Zero by 2045 ; Managing Our Operational Carbon Footprint ; Strategic Investments & Innovation Part II: Climate Change
Air Quality	Air emissions of the following pollutants: (1) NO _x (excluding N ₂ O), (2) SO _x , (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 100% in or near areas of dense population Note: SCE does not include emissions from particulate matter (PM ₁₀) or lead (Pb) in these calculations, as no standardized calculation methodology is available for these pollutants.

Note: Information provided herein should not be construed as being characterized as financially material (see [About This Report](#) for more details).

TOPIC	ACCOUNTING METRIC	CATEGORY	UNIT OF MEASURE	CODE	2023 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 (m ³), Percentage (%)		Appendix: Sustainability Scorecard (1) Total water withdrawn for SCE's utility-owned generation was 3,073 thousand cubic meters in 2023. SCE does not have consolidated water withdrawal data for its nongeneration operations. (2) 100% of groundwater consumed for generation is from a region of Extremely High Baseline Water Stress. SCE does not track total water consumed across generation and nongeneration operations.
	Number of incidents of non-compliance associated with water quantity and/or quality permits, standards, and regulations	Quantitative	Number	IF-EU-140a.2	2
	Description of water management risks and discussion of strategies and practices to mitigate those risks	Discussion and Analysis	n/a	IF-EU-140a.3	Part II: Environment — Water Management & Conservation Appendix: Sustainability Scorecard SCE is addressing current and evolving water management risks through our 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 with a framework to manage its groundwater resources, and, as basins in California are adjudicated, SCE determines our legal entitlement to authorize water rights for the applicable groundwater basins within SCE's 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, state Division of Drinking Water, state Department of Water Resources 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.
	Description of coal combustion products (CCPs) management policies and procedures for active and inactive operations	Discussion and Analysis	n/a	IF-EU-150a.3	SCE does not own or have specified coal generation contracts.

Note: Information provided herein should not be construed as being characterized as financially material (see [About This Report](#) for more details).

TOPIC	ACCOUNTING METRIC	CATEGORY	UNIT OF MEASURE	CODE	2023 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	(1) Residential: 29.2¢/kWh (2) Commercial: 26.9¢/kWh (3) Industrial: 18.3¢/kWh
	Typical monthly electric bill for residential customers for (1) 500 kWh and (2) 1,000 kWh of electricity delivered per month	Quantitative	Presentation currency	IF-EU-240a.2	(1) \$197.05 (2) \$379.23 This data is derived from the Edison Electric Institute Typical Bills and Average Rates Report, Summer 2023. Typical bills shown are calculated based on the requirements of that report.
	Number of residential customer electric disconnections for non-payment, percentage reconnected within 30 days	Quantitative	Number, Percentage (%)	IF-EU-240a.3	Residential disconnections: 30,196 Percent reconnected within 30 days: 94%
	Discussion of impact of external factors on customer affordability of electricity, including the economic conditions of the service area	Discussion and Analysis	n/a	IF-EU-240a.4	Part I: Leading the Clean Energy Transition — Environmental & Social Justice Part I: Operating with Excellence — Affordability Part II: Customers — Affordability: Additional Details
Workforce Health & Safety	(1) Total recordable incident rate (TRIR), (2) fatality rate, and (3) near miss frequency rate (NMFR) for (a) direct employees and (b) contract employees	Quantitative	Rate	IF-EU-320a.1	(1) TRIR: 1.99 (2) Fatality rate: 0.01 (3) NMFR: 2.75
End-Use Efficiency & Demand	Percentage of electric load served by smart grid technology	Quantitative	Percentage (%) by megawatt hours (MWh)	IF-EU-420a.2	Appendix: Sustainability Scorecard
	Customer electricity savings from efficiency measures, by Market	Quantitative	Megawatt hours (MWh)	IF-EU-420a.3	1,440,144 This data is an estimate based on best available data at the time of report publication.
Nuclear Safety & Emergency Management	Total number of nuclear power units, broken down by results of most recent independent safety review	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 megawatts electrical (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	Decommissioning San Onofre Nuclear Generating Station (SONGS) Part II: Climate Change Mitigation: Additional Details
Grid Resiliency	Number of incidents of non-compliance with physical 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	(1) 115.9 min. (2) 1.04 (3) 111.93 min.

Note: Information provided herein should not be construed as being characterized as financially material (see [About This Report](#) for more details).

ACTIVITY METRIC	CATEGORY	UNIT OF MEASURE	CODE	2023 EDISON INTERNATIONAL COMPANY RESPONSE
Number of: (1) residential, (2) commercial, and (3) industrial customers served	Quantitative	Number	IF-EU-000.A	[In thousands] (1) Residential: 4,576 (2) Commercial: 610 (3) Industrial: 5 Note: Metric modified to thousands of customers to align with other company reports.
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	[In thousands of MWh] (1) Residential: 26,097 (2) Commercial: 42,484 (3) Industrial: 3,615 (4) Other Retail: 5,311 (5) Wholesale: 1,749 Note: "Other Retail" includes sales to public authorities, agricultural and other sales.
Length of transmission and distribution lines	Quantitative	Kilometers (km)	IF-EU-000.C	202,373 kilometers

Note: Information provided herein should not be construed as being characterized as financially material (see [About This Report](#) for more details).

TCFD INDEX

This is Edison International's fifth year referencing the Task Force on Climate-related Disclosures (TCFD).¹

DISCLOSURE FOCUS AREA RECOMMENDED DISCLOSURES 2023 RESPONSES

Governance

Disclose the organization's governance around climate-related risks and opportunities.

a) Describe the board's oversight of climate-related risks and opportunities.

Sustainability is integral to our strategy, which is aligned with California's ambitious, economywide goals to combat climate change and reach carbon neutrality by 2045. Climate-related risks and opportunities are reviewed at Board meetings as strategy is discussed. At least annually, the Board reviews corporate goals and approves capital budgets to ensure they are aligned with our strategy. The Board also oversees the impact of legislative and regulatory actions on our strategy.

The Board has broad responsibility for the oversight of significant strategic, operational, financial and reputational risks, and actively reviews our enterprise risk management (ERM) process and monitors strategic and emerging risks. Climate change is identified as a key risk in Edison International's enterprise risk register. The Board regularly reviews and monitors climate-related risks, including those from our enterprise risk register, risks identified in our wildfire and climate adaptation analysis, and risks arising from climate-related events that impact our business. This includes a review of key risks at least annually and ongoing monitoring throughout the year during management reports and discussions at Board meetings. In addition, the Board conducts periodic strategic reviews that focus on specific risks, such as climate change, reliability and resiliency.

Board committees have responsibilities related to climate-related risks and opportunities as follows:

- The Audit and Finance Committee oversees the company's guidelines and policies to govern the process by which risk assessment and risk management is undertaken, and the steps taken to monitor and control enterprise-level risks.
- The Safety and Operations Committee has responsibility for reviewing and monitoring the operational impacts of climate adaptation and plans, programs and performance metrics related to wildfire mitigation.
- The Compensation and Executive Personnel Committee oversees company goals and objectives, including related to climate change (e.g., clean energy strategic objectives, wildfire mitigation).
- The Nominating and Governance Committee is responsible for reviewing significant environmental, social and governance (ESG) trends that may impact the company and ensuring that the Board and its committees have the appropriate oversight of relevant ESG issues.

References:

[Part II: Sustainability — 2023 Performance Incentives; Material Environmental, Social & Governance \(ESG\) Topics](#)

[Part II: Governance — Corporate Governance](#)

[Edison International 2024 Proxy Statement](#), pp. 21–24

[Audit and Finance Committee Charter](#), Article IV, Section 5

[Nominating and Governance Committee Charter](#), Article V (b)

[Safety and Operations Committee Charter](#), Article III, Section 1

[Compensation and Executive Personnel Committee Charter](#), Article IV, Section 1

¹ 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 [edisoninvestor.com](https://www.edisoninvestor.com).

DISCLOSURE FOCUS AREA | RECOMMENDED DISCLOSURES | 2023 RESPONSES

Governance (continued)

Disclose the organization's governance around climate-related risks and opportunities.

b) Describe management's role in assessing and managing climate-related risks and opportunities.

The Edison International Managing Committee,¹ comprising the most senior Edison International and SCE officers, manages climate-related risks and opportunities, including the company's clean energy strategy, which is aligned with California's ambitious, economywide goals to combat climate change; climate adaptation, including wildfire mitigation activities and SCE's climate adaptation vulnerability assessment; long-term sustainability goals related to net zero, the clean energy transition and electrification; and the company's thought leadership and advocacy on climate-related issues.

Edison International also convenes an executive-level sustainability steering group that serves as an advisory body for the company's sustainability program and approach, including on climate change-related topics. Steering group members represent departments across SCE, including operational services, customer service, strategy, regulatory and public affairs, and energy and environmental policy, as well as teams at Edison International and shared services, such as human resources, corporate communications, sustainability, finance, corporate governance and others, on an as-needed basis. Trio² is also an important part of the enterprisewide program and provides input into the effort.

SCE also has formal governance over the development of SCE's climate adaptation vulnerability assessment and ongoing climate change adaptation activities in accordance with California Public Utilities Commission (CPUC) requirements. SCE's designated cross-departmental climate change team comprises employees who have a breadth of experience related to developing climate projections, assessing the electrical infrastructure's climate sensitivity thresholds, evaluating climate-change-driven risks and developing potential mitigations to address such risks. SCE's climate change team includes employees with a breadth of experience relating to climate projections, electrical infrastructure, risk management and mitigation. The team is led by Erica Bowman, SCE's vice president (VP) of Strategy, Planning and Performance. SCE's climate adaptation efforts are guided by quarterly updates to SCE's Executive Committee, which includes officers in the following positions: president and chief executive officer (CEO); executive vice president (EVP) and chief operating officer; senior vice president (SVP) and chief financial officer; SVP, general counsel; SVP, Human Resources; and VP, Regulatory Affairs.

References:

[Part I: Leading the Clean Energy Transition](#)

[Part II: Sustainability — Oversight of ESG Risks & Opportunities](#)

[CPUC Decision 20-08-046: Ordering Paragraph 13](#), p.95

[SCE's Advice Letter 4456-E filed 3/31/2022](#), pp. 2-4

[SCE's Advice Letter 4755-E filed 4/1/22](#)

[Compensation and Executive Personnel Committee Charter](#), Article IV, Section 1

Note: Information provided herein should not be construed as being characterized as financially material (see [About This Report](#) for more details).

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, EVP and chief financial officer, EVP and general counsel and the SVP of Strategy and Corporate Development. SCE members include the president and CEO and the EVP and chief operating officer. Joint Edison International and SCE members include the SVP of Corporate Affairs and Public Policy and SVP and chief human resources officer.

² Formerly known as Edison Energy, Altenex Energy and Alfa Energy, the group has unified under the new name "Trio", operating under Edison Energy, LLC, an indirect, wholly-owned, non-utility subsidiary of Edison International, to enhance its global sustainability and energy advisory services. Trio is not the same company as SCE, the utility, and Trio is not regulated by the CPUC.

DISCLOSURE FOCUS AREA | RECOMMENDED DISCLOSURES | 2023 RESPONSES

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.

Edison International's business strategy is focused on the clean energy transition and the company's role in helping to meet broader, economywide climate change goals. The company's strategy is aligned with societal trends around the rising importance of addressing climate change through the use of clean electricity, low-carbon fuels and new technologies. In alignment with economywide actions planned by the state of California, Edison International is committed to achieving net-zero greenhouse gas (GHG) emissions across Scope 1, 2 and 3 by 2045.

Edison International's principal subsidiary, SCE, is a regulated electric utility that conducts short (current year to four years forward), medium (five to 10 years forward) and long-range (>10 years forward) planning around its power portfolio, grid planning and other infrastructure investments through regulated proceedings at the CPUC. In terms of its power portfolio, SCE has a long-term objective to supply 100% carbon-free power in terms of retail sales to customers by 2045, a medium-term objective to deliver power with 80% carbon-free resources by 2030 and related short-term goals, including related compliance requirements overseen by the CPUC and California Energy Commission. SCE files an Integrated Resource Plan (IRP) every two to three years, as part of the IRP Proceeding at the CPUC, focused on ensuring long-term resource plans meet reliability needs and state-designated GHG emissions-reduction requirements in the most affordable way. In addition to seeking to be granted approval to procure the clean resources needed to meet its decarbonization goals through the IRP and related CPUC proceedings, SCE conducts climate adaptation vulnerability assessments to identify additional system needs as climate change affects customer demand and clean resource production.

SCE is also focused on its role in helping the state achieve net-zero GHG emissions economywide by 2045 through an electric-led strategy. Through SCE's vision to decarbonize large parts of the economy using clean and reliable power, SCE has identified significant opportunities to facilitate this transition through investments in electric vehicle (EV) charging infrastructure and proposed programs to support building electrification. SCE is investing more than \$800 million to advance the adoption of EVs across its service area and recently proposed to invest \$677 million in additional funding to accelerate the growth of the building electrification market. SCE also has goals to electrify its own fleet. In addition, SCE publishes white papers about the clean energy transition, including economywide actions needed to meet carbon neutrality, as well as the changes needed to SCE's grid to deliver high levels of carbon-free resources.

On the physical risk side, SCE performs climate adaptation vulnerability assessments (CAVA) to identify acute and chronic risks. In May 2022, SCE submitted its first CAVA pursuant to CPUC direction, using a conservative (i.e., high-emissions, absent global climate mitigation) RCP8.5 scenario and considering long-term impacts of temperature, precipitation, sea-level rise and wildfire hazards. This assessment evaluates mitigation needs in 10-, 30- and 50-year timeframes. In the near term, SCE is also focused on mitigating the risk of climate-change-driven wildfires and files annual Wildfire Mitigation Plans with the Office of Energy Infrastructure Safety, detailing its progress.

Edison International's nonregulated competitive business Trio¹ provides customers with energy solutions to meet their global sustainability and cost goals. Renewable power purchase agreement advisory services are a key element of Trio's business, and the company is well-positioned for the clean energy transition.

References:

[2023 Edison International Form 10-K](#), pp. 6–7 (“Electricity Industry Trends”), pp. 10–11 (“Southern California Wildfires and Mudslides”), p. 44 (“Operating Risks”), pp. 52–53 (“Competitive and Market Risks”), pp. 150–153 (“Southern California Wildfires”), pp. 153–155 (“Environmental Considerations”) [2022 Integrated Resource Plan of Southern California Edison Company \(U 338-E\) filed on November 1, 2022](#)
[CPUC Decision 20-08-046; Ordering Paragraph 9](#), p. 78
[SCE's Pathway 2045](#), pp. 1–2
[SCE's Reimagining the Grid](#), pp.1–2
[Edison International Mind the Gap](#)
[SCE's Climate Adaptation Vulnerability Assessment](#)
[SCE's Wildfire Mitigation Plan and annual updates](#)

¹ Formerly known as Edison Energy, Altenex Energy and Alfa Energy, the group has unified under the new name “Trio”, operating under Edison Energy, LLC, an indirect, wholly-owned, non-utility subsidiary of Edison International, to enhance its global sustainability and energy advisory services. Trio is not the same company as SCE, the utility, and Trio is not regulated by the CPUC.

DISCLOSURE FOCUS AREA RECOMMENDED DISCLOSURES 2023 RESPONSES

Strategy (continued)

Disclose the actual and potential impacts of climate-related risks and opportunities on the organization's businesses, strategy and financial planning.

b) Describe the impact of climate-related risks and opportunities on the organization's businesses, strategy, and financial planning.

Edison International's business strategy is grounded in the clean energy transition and the company's role in helping to meet broader, economywide climate change goals, including achieving net-zero GHG emissions across Scope 1, 2 and 3 by 2045. The company's strategy is aligned with the political and regulatory environment in California, along with wide public support for climate policies such as the state's GHG emissions-reduction goal, renewables portfolio standard and zero-emission truck rule (77% support for each in July 2020 Public Policy Institute of California survey).

In addition to clean energy and electrification, Edison International's principal subsidiary, SCE, is focused on adapting its system to the threat of climate change. In the near term, SCE is hardening its grid against the threat of climate-change-driven wildfires. More broadly, SCE recently submitted its first CAVA to the CPUC considering medium- and long-term impacts of temperature, precipitation, sea-level rise and wildfire hazards on SCE's assets, operations and services.

References:

[2023 Edison International Form 10-K](#), pp. 6-7 ("Electricity Industry Trends"), pp. 10-11 ("Southern California Wildfires and Mudslides"), p. 44 ("Operating Risks"), pp.52-53 ("Competitive and Market Risks"), pp. 150-153 ("Southern California Wildfires"), pp. 153-155 ("Environmental Considerations")

[Pathway 2045](#), pp. 1-2

[Pathway 2045 Appendices](#), pp. 1-21

[Reimagining the Grid](#), pp. 1-2

[SCE's Wildfire Mitigation Plan and annual updates](#)

[SCE's CAVA](#)

Disclose the actual and potential impacts of climate-related risks and opportunities on the organization's businesses, strategy and financial planning.

c) Describe the potential impact of different scenarios, including a 2°C scenario, on the organization's businesses, strategy, and financial planning.

Edison International's business strategy is aligned with the transition to a net-zero economy. Edison International's principal subsidiary, SCE, delivers power to customers entirely within the state of California, which has some of the most aggressive climate change goals in the nation and, when taken together, are broadly considered to be consistent with a 1.5°C scenario.

In 2019, SCE released *Pathway 2045*, which examined the energy implications of California's long-term decarbonization goals on both the economy as a whole and the electric sector and mapped out a feasible and low-cost path to meeting those goals. The paper concludes that aggressive electrification across the economy, coupled with clean electricity, is the most affordable path to achieve net-zero GHG emissions economywide. In terms of risks, moving to a decarbonized energy supply represents significant changes to electric system planning that has largely been based on reliance on dispatchable generation resources supplied by fossil fuels. As shown in *Pathway 2045*, SCE is exploring how to manage the changes to the grid that may present reliability risks with new technologies such as long-duration energy storage and generation supplied from low- or zero-carbon fuels such as hydrogen.

In 2020, SCE released *Reimagining the Grid*, an assessment of the future electric grid needed to enable the efficient integration of these clean resources while ensuring climate adaptation and broader resilience. These analyses support SCE's continued investment in electrification and clean energy-related technologies, including those related to the grid.

In 2021, Edison International released *Mind the Gap: Policies for California's Countdown to 2030*, highlighting the accelerated rate of annual GHG emissions reductions needed across the California economy to achieve the state's 2030 climate goals. The report recommends state and federal policies and funding mechanisms to close the gap between the state's current trajectory and the performance required.

On the physical risk side, SCE performs vulnerability assessments for climate adaptation. In May 2022, SCE submitted a climate change vulnerability assessment pursuant to CPUC direction, using a conservative (i.e., high-emissions, absent global climate mitigation) RCP8.5 scenario and considering long-term impacts of temperature, precipitation, sea-level rise and wildfire hazards. Edison International subsequently published *Adapting for Tomorrow: Powering a Resilient Future*, summarizing key takeaways, including the types of vulnerabilities SCE, our customers and our communities could face. SCE's vulnerability assessment and ongoing planning for future grid architectures envisioned in *Reimagining the Grid* will form the bases for grid investments that harden the decarbonized grid against current and future climate risks.

References:

[Pathway 2045](#), pp. 1-2

[Pathway 2045 Appendices](#), pp. 1-21

[SCE's 2018 Risk Assessment Mitigation Phase Report](#), Chapter 12, pp. 1-2, 7, 17-23, 30-37

[Reimagining the Grid](#), pp. 1-2

[Part I: Leading the Clean Energy Transition — Climate Adaptation and Resiliency](#)

[Part II: Climate Change — Climate Change Mitigation: Additional Details](#)

DISCLOSURE FOCUS AREA RECOMMENDED DISCLOSURES 2023 RESPONSES

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.

Edison International and SCE's ERM process is designed to identify, anticipate and provide oversight of business risks, assess risk management options and develop and select risk mitigation and response activities. This includes climate-related risks both directly and as a factor that compounds other business risks. Climate-related risks are included within Edison International and SCE's list of key enterprise risks, both as a standalone climate change risk and as a cross-cutting risk factor that is evaluated for its impact on other enterprise risks. As a standalone risk, climate change is reviewed over the near term on a likelihood and consequence basis in comparison to other key enterprise risks at the company, and it is reviewed but not scored over a period extending to 2070.

SCE's risk-informed decision-making process builds upon processes for risk-informed ratemaking required by the CPUC. In 2022, SCE filed its Risk Assessment and Mitigation Plan (RAMP) that considers SCE's CAVA and corresponding community engagement.

At Edison International and SCE, several complementary processes are in place for identifying and addressing climate-related risks. ERM uses a standardized risk intake process to identify new potential risks from a wide variety of sources, including operations within the company; connections with corporate functions, including Strategy, Audits and Regulatory; and research, benchmarking and surveys performed both internally and externally.

Each department is responsible for providing data, analysis and guidance on their business' risks to ERM, and ERM works in close coordination with SCE's cross-departmental climate change team on assessing companywide climate change vulnerability and adaptation options.

References:

[SCE's 2022 Risk Assessment Mitigation Phase Report](#), Chapter 1 (Sections IV and V) and Appendix B

DISCLOSURE FOCUS AREA RECOMMENDED DISCLOSURES 2023 RESPONSES

Risk Management (continued)

Disclose how the organization identifies, assesses and manages climate-related risks.

b) Describe the organization's processes for managing climate-related risks.

As stated in response to Risk Management, Part A, SCE's risk-informed, decision-making process builds upon processes for risk-informed ratemaking required by the CPUC.

We follow a comprehensive protocol to assess and mitigate risks across our operations. The next step in the process after risk identification is risk prioritization. A common set of risk terms and tools is used to prioritize risks based on comparable attributes, including likelihood and consequence of potential risk events. ERM provides a risk-informed perspective to the development of company strategy, and the strategic risks of the company are accounted for in the enterprise risk register, including climate-related risks.

Detailed mitigation deployment plans are developed for enterprise risks, and risk review requirements are now incorporated into the charters of various Edison International and SCE management committees across the company.

Risk monitoring and verification activities, as well as risk issues that occur during project and program execution of risk mitigation deployment plans, are monitored by ERM and its oversight committees.

These committees include the SCE Risk Management Working Group, a senior leadership forum designed to integrate operations and risk and provide a common framework for decision-making; the SCE Finance and Risk Management Committee, which oversees and approves ERM; and the Edison International Managing Committee and SCE and Edison International Board of Directors and Board Committees discussed in the Governance section of this TCFD disclosure.

Standardized risk analysis summaries are now required to be included in support materials used in senior leadership decision forums. ERM is responsible for ensuring risks are considered in decisions about the company's business strategy, financial planning, significant operational and regulatory decisions and goal-setting.

Furthermore, ERM works with the internal audit department and various quality-control functions embedded in the business to provide risk insights into the development of the scope of assurance verifications performed by those groups. Senior ERM leadership, as well as departmental leadership, also provide support for assurance. The risk management process informs the annual audit plan.

Once selected, mitigation and response options are planned for deployment and are monitored during their life cycle for effectiveness. A detailed alternatives analysis discussing multiple approaches to treat top safety risks to Edison International (including climate change) is discussed within SCE's 2022 RAMP filing.

References:

[SCE's 2022 Risk Assessment Mitigation Phase Report](#), Climate Change Risk (Appendix B), p. 58
[2025 GRC Phase 1, Vol. 2 "Risk Policy, Climate Change Policy, and Environmental & Social Justice Goals"](#)

c) Describe how processes for identifying, assessing, and managing climate-related risks are integrated into the organization's overall risk management.

Climate-related risks are identified, assessed and managed with the same risk management processes used for all other risks. Ongoing efforts, such as SCE's vulnerability assessment, support these processes.

Edison International follows a comprehensive protocol to assess and mitigate risks across our operations. SCE's risk-informed decision-making process builds upon processes for risk-informed ratemaking required by the CPUC. SCE's 2022 RAMP report analyzed key safety risks, including wildfires, climate change and cybersecurity threats.

References:

[SCE's 2022 Risk Assessment Mitigation Phase Report](#), Chapter 1 and Appendix B
[CPUC Decision 20-08-046](#); Ordering Paragraph 9, p. 95

DISCLOSURE FOCUS AREA RECOMMENDED DISCLOSURES 2023 RESPONSES

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.

Edison International reports climate- and environmental-related metrics annually in our sustainability report related to topics identified by our ESG materiality assessment and based on industry benchmarking. The company also reports climate- and environmental-related metrics in accordance with third-party standards, including Sustainability Accounting Standards Board, Global Reporting Initiative and Edison Electric Institute ESG/ Sustainability reporting template.

In addition, SCE reports climate- and environmental-related metrics through compliance filings with state and federal agencies.

b) Disclose Scope 1, Scope 2, and, if appropriate, Scope 3 greenhouse gas (GHG) emissions, and the related risks.

Estimated 2023 GHG Emissions:

Scope 1: 1.2 MMT CO₂e

Scope 2: 0.9 MMT CO₂e

Scope 3: 7.9 MMT CO₂e

Notes:

- Edison International's GHG emissions inventory excludes certain miniscule sources, such as refrigerants related to air conditioning systems that are too small to be captured in SCE's air quality compliance reporting or emissions from certain specialized vehicle rentals, which we estimate to be miniscule and permitted for exclusion pursuant to The Climate Registry's GHG emissions reporting protocol.
- Emissions are an estimate.

c) Describe the targets used by the organization to manage climate-related risks and opportunities and performance against targets.

Edison International has set a net-zero commitment and long-term goals related to several of our topics identified in our ESG materiality assessment. The company tracks progress toward these goals annually in its Sustainability Report. In addition, Edison International and SCE establish annual performance incentives tied to priority topics, including those related to climate change; e.g., goals related to wildfire resilience, capital deployment and policy outcomes associated with SCE's *Pathway 2045*, including promoting broader transportation and building electrification.

GRI INDEX

This is Edison International's ninth year reporting with reference to the [Global Reporting Initiative \(GRI\)](#) and the first year following the new GRI Universal Standards. 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.

DISCLOSURE #	DISCLOSURE	LOCATION/RESPONSE
GRI 2: GENERAL DISCLOSURES 2021		
The organization and its reporting		
2-1	Organizational details	Edison International Rosemead, California, USA
2-2	Entities included in the organization's sustainability reporting	Edison International, the parent company for: Southern California Edison Company Trio ¹
2-3	Reporting period, frequency and contact point	Annually December 31, 2023 sustainability@edisonintl.com
2-4	Restatements of information	Restatements and other updates (e.g., where estimated prior-year data is now shown as final) are noted throughout report where applicable.
2-5	External assurance	Edison International has not sought external assurance of the data in this report. Edison International's internal audit department was engaged to perform an independent validation of metrics associated with the environmental, social and governance (ESG) Materiality Assessment "Priority" topics. More than 80% of Edison International's Scope 1 emissions are covered under California's cap and trade market, however. Part I: Leading the Clean Energy Transition — Managing Our Operational Carbon Footprint Appendix: About This Report
Activities and workers		
2-6	Activities, value chain and other business relationships	Introduction: About Edison International
2-7	Employees	Part I: Leading with Diversity, Equity & Inclusion Part I: Operating with Excellence — Safety — Employee & Contractor Safety Appendix: Sustainability Scorecard 2022 Edison International Form 10-K , Human Capital, p. 137
2-8	Workers who are not employees	Part I: Leading with Diversity, Equity & Inclusion Part I: Operating with Excellence — Safety — Employee & Contractor Safety 2023 Edison International Form 10-K , Human Capital, p. 137

¹ Formerly known as Edison Energy, Altenex Energy and Alfa Energy, the group has unified under the new name "Trio", operating under Edison Energy, LLC, an indirect, wholly-owned, non-utility subsidiary of Edison International, to enhance its global sustainability and energy advisory services. Trio is not the same company as SCE, the utility, and Trio is not regulated by the California Public Utilities Commission (CPUC).

DISCLOSURE #	DISCLOSURE	LOCATION/RESPONSE
Governance		
2-9	Governance structure and composition	Part II: Sustainability — Oversight of ESG Risks & Opportunities Part II: Governance Edison International 2024 Proxy Statement , Corporate Governance, pp. 12–24
2-10	Nomination and selection of the highest governance body	Edison International 2024 Proxy Statement , Director Nomination Process, p. 14
2-11	Chair of the highest governance body	Edison International 2024 Proxy Statement , Governance Structures and Processes, p. 13
2-12	Role of the highest governance body in overseeing the management of impacts	Part II: Sustainability — Oversight of ESG Risks & Opportunities Edison International 2024 Proxy Statement , Board Oversight of Strategy, Risk and ESG, pp. 21–24
2-13	Delegation of responsibility for managing impacts	Part II: Sustainability — Oversight of ESG Risks & Opportunities Part II: Governance
2-14	Role of the highest governance body in sustainability reporting	Part II: Sustainability — Oversight of ESG Risks & Opportunities Edison International 2024 Proxy Statement , Board Oversight of Strategy, Risk and ESG, pp. 21–24
2-15	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
2-16	Communication of critical concerns	Edison International Web Site: How to Contact Our Board of Directors
2-17	Collective knowledge of the highest governance body	Edison International 2024 Proxy Statement , Director Skills Matrix, p. 5; Director Biographies, pp. 6–11; Director Orientation and Continuing Education, p. 15
2-18	Evaluation of the performance of the highest governance body	Edison International 2024 Proxy Statement , Board and Committee Evaluation Process, p. 16
2-19	Remuneration policies	Part II: Sustainability — 2023 Performance Incentives Edison International 2024 Proxy Statement , Compensation Discussion and Analysis, p. 34; Executive Compensation, pp. 53–70
2-20	Process to determine remuneration	Part II: Sustainability — 2023 Performance Incentives Edison International 2024 Proxy Statement , Compensation Discussion and Analysis, pp. 47–49; Executive Compensation, pp. 53–70
2-21	Annual total compensation ratio	Edison International 2024 Proxy Statement , CEO Pay-Ratio Disclosure, p. 70

DISCLOSURE #	DISCLOSURE	LOCATION/RESPONSE
Strategy, policies and practices		
2-22	Statement on sustainable development strategy	Introduction: A Message from Our CEO
2-23	Policy commitments	Introduction: About Edison International Edison International and Southern California Edison Ethics and Compliance Code for Directors Edison International Employee Code of Conduct Edison International Supplier Code of Conduct Political Engagement Policy
2-24	Embedding policy commitments	Part II: Sustainability — Oversight of ESG Risks & Opportunities Part II: Environment — Environmental Management System (EMS) Part II: Workplace — Diversity, Equity & Inclusion: Additional Details Part II: Governance — Cyber & Physical Security: Additional Details; Ethics & Compliance; Political Activities
2-25	Processes to remediate negative impacts	Edison HelpLine
2-26	Mechanisms for seeking advice and raising concerns	Part II: Workplace — Workforce Attraction, Development & Engagement — Formal Complaint Escalation Process Part II: Governance — Ethics & Compliance Edison International and Southern California Edison Ethics and Compliance Code for Directors Edison International Employee Code of Conduct Edison International Supplier Code of Conduct
2-28	Membership associations	Part I: Leading the Clean Energy Transition — Edison International's Alignment with Trade Associations Part I: Leading with Diversity, Equity & Inclusion — Our Commitment to a Diverse, Equitable & Inclusive Culture — Recruiting & Retaining Diverse Talent in a Tight Labor Market Part II: Sustainability — Stakeholder Engagement Part II: Communities Edison International 2023 Political Contribution Report , p. 11
Stakeholder engagement		
2-29	Approach to stakeholder engagement	Part II: Sustainability — Stakeholder Engagement Edison International 2024 Proxy Statement, Shareholder Engagement , p. 12
2-30	Collective bargaining agreements	Part II: Workplace — Workforce Attraction, Development & Engagement — Union Partnerships 2023 Edison International Form 10-K, Human Capital , p. 137

DISCLOSURE #	DISCLOSURE	LOCATION/RESPONSE
GRI 3: Material Topics 2021		
3-1	Process to determine material topics	Part II: Sustainability — Material Environmental, Social & Governance (ESG) Topics
3-2	List of material topics	Part II: Sustainability — Material Environmental, Social & Governance (ESG) Topics
GRI 200: ECONOMIC		
GRI 201: Economic Performance		
3-3	Management of material topic	Part II: Sustainability — Oversight of ESG Risks & Opportunities Part II: Sustainability — Material Environmental, Social & Governance (ESG) Topics 2023 Edison International Form 10-K , Consolidated Financial Statements, p. 58
201-1	Direct economic value generated and distributed	Part II: Communities — Economic Development 2023 Edison International Form 10-K , Consolidated Financial Statements, p. 58 2023 Edison International Form 10-K , Management's Discussion and Analysis of Financial Conditions, p. 4
201-2	Financial implications and other risks and opportunities due to climate change	Part I: Leading the Clean Energy Transition Appendix: TCFD Index 2023 Edison International Form 10-K , Electricity Industry Trends, pp. 6–8; Southern California Wildfires and Mudslides, p. 10; Operating Risks, pp. 42–48; Southern California Wildfires, p. 150; Environmental Considerations, p. 153
201-3	Defined benefit plan obligations and other retirement plans	2023 Edison International Form 10-K , Note 9: Compensation and Benefit Plans, pp. 98–110
GRI 203: Indirect Economic Impacts		
3-3	Management of material topic	Part II: Communities — Economic Development Part II: Sustainability — Material Environmental, Social & Governance (ESG) Topics Part II: Governance 2023 Edison International Form 10-K , Risk Factors, pp. 40–47 Edison International 2024 Proxy Statement , Corporate Governance, p. 12
203-1	Infrastructure investments and services supported	Part I: Leading the Clean Energy Transition Part I: Operating with Excellence — Safety — Public Safety Part II: Communities 2023 Supplier Diversity Annual Report & 2024 Annual Plan
203-2	Significant indirect economic impacts	Part I: Leading the Clean Energy Transition Part II: Communities 2023 Supplier Diversity Annual Report & 2024 Annual Plan

DISCLOSURE #	DISCLOSURE	LOCATION/RESPONSE
GRI 300: ENVIRONMENTAL		
GRI 302: Energy		
3-3	Management of material topic	Part II: Sustainability Part II: Climate Change — Delivered Power Mix & GHG Emissions: Additional Details Part II: Governance Appendix: Sustainability Goals Edison International 2024 Proxy Statement , Corporate Governance, p. 12
302-1	Energy consumption within the organization	Part I: Leading the Clean Energy Transition — Strategic Investments & Innovation — Strategic Focus: Clean Energy
302-2	Energy consumption outside of the organization	Part I: Leading the Clean Energy Transition — Managing Our Operational Carbon Footprint
302-3	Energy intensity	724,409 BTU/MWh (SCE only) Note: This metric value for 2022 was updated due to corrections and changes to the rest of 2022 data. The updated 2022 value for reference is 782,211 BTU/MWh. For 2023, energy associated with R99 renewable diesel use at Edison is also included.
302-4	Reduction of energy consumption	Part I: Leading the Clean Energy Transition — Strategic Investments & Innovation — Strategic Focus: Clean Energy Part II: Environment — SCE Facilities & Supply Chain
302-5	Reductions in energy requirements of products and services	Part I: Leading the Clean Energy Transition — Managing Our Operational Carbon Footprint

DISCLOSURE #	DISCLOSURE	LOCATION/RESPONSE
GRI 303: Water and Effluents		
3-3	Management of material topic	Part II: Sustainability — Material Environmental, Social & Governance (ESG) Topics Part I: Operating with Excellence — Environmental Stewardship Part II: Environment— Water Management & Asset Recovery Part II: Governance Edison International 2024 Proxy Statement , Corporate Governance, p. 12 SCE is addressing current and evolving water management risks through our 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 our 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 , state Division of Drinking Water , state Department of Water Resource and local watermasters established under the SGMA.
303-1	Interactions with water as a shared resource	Part II: Environment—Water Management & Conservation
303-3	Water withdrawal	Part II: Environment—Water Management & Conservation Appendix: SASB Codes IF-EU-140a.1, 2 and 3 Edison Electric Institute, ESG Initiative Quantitative Section — Southern California Edison , p. 5
303-5	Water consumption: Water consumption measures water used by an organization such that it is no longer available for use by the ecosystem or local community	Part II: Environment—Water Management & Conservation Appendix: SASB Codes IF-EU-140a.1, 2 and 3 Edison Electric Institute, ESG Initiative Quantitative Section — Southern California Edison , p. 5
GRI 304: Biodiversity		
3-3	Management of material topic	Part II: Sustainability — Material Environmental, Social & Governance (ESG) Topics Part II: Environment — Biodiversity, Natural Habitat & Cultural Resource Protection Part II: Governance
304-1	Operational sites owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas	Part II: Environment — Biodiversity, Natural Habitat & Cultural Resource Protection
304-2	Significant impacts of activities, products, and services on biodiversity	Part II: Environment — Biodiversity, Natural Habitat & Cultural Resource Protection
304-3	Habitats protected or restored	Part II: Environment — Biodiversity, Natural Habitat & Cultural Resource Protection Appendix: Sustainability Scorecard
304-4	IUCN Red List species and national conservation list species with habitats in areas affected by operations	Part II: Environment — Biodiversity, Natural Habitat & Cultural Resource Protection — Protecting Endangered Species

DISCLOSURE #	DISCLOSURE	LOCATION/RESPONSE
GRI 305: Emissions		
3-3	Management of material topic	Introduction: Sustainability Goals Part I: Leading the Clean Energy Transition Part II: Sustainability — Material Environmental, Social & Governance (ESG) Topics Part II: Environment Part II: Governance Edison International 2024 Proxy Statement , Letter to Shareholders pp. i-ii 2023 Edison International Form 10-K , Electricity Industry Trends, pp. 6-8; Environmental Considerations, pp. 153-156
305-1	Direct (Scope 1) GHG emissions	Part I: Leading the Clean Energy Transition — Managing Our Operational Carbon Footprint Appendix: Sustainability Scorecard
305-2	Energy indirect (Scope 2) GHG emissions	Part I: Leading the Clean Energy Transition — Managing Our Operational Carbon Footprint Appendix: Sustainability Scorecard
305-3	Other indirect (Scope 3) GHG emissions	Part I: Leading the Clean Energy Transition — Managing Our Operational Carbon Footprint Appendix: Sustainability Scorecard
305-4	GHG emissions intensity	Part I: Leading the Clean Energy Transition — Managing Our Operational Carbon Footprint Appendix: Sustainability Scorecard Edison Electric Institute ESG Initiative Quantitative Section — Southern California Edison , p. 2 GHG emissions intensity (converted to lbs. CO ₂ e/MWh): 550
305-5	Reduction of GHG emissions	Part I: Leading the Clean Energy Transition Part II: Environment Appendix: Sustainability Scorecard
305-6	Emissions of ozone-depleting substances (ODS)	Part I: Leading the Clean Energy Transition — Managing Our Operational Carbon Footprint Part II: Environment — SCE Facilities & Supply Chain — Sustainable Buildings Appendix: Sustainability Scorecard Edison Electric Institute ESG Initiative Quantitative Section — Southern California Edison , p. 2
305-7	Nitrogen oxides (NO _x), sulfur oxides (SO _x), and other significant air emissions	Part II: Environment — Air Quality & Greenhouse Gas (GHG) Management Appendix: Sustainability Scorecard Edison Electric Institute ESG Initiative Quantitative Section — Southern California Edison , p. 2

DISCLOSURE #	DISCLOSURE	LOCATION/RESPONSE										
GRI 306: Waste												
3-3	Management of material topic	<p>Part II: Sustainability — Material Environmental, Social & Governance (ESG) Topics Part II: Environment — Waste Management & Asset Recovery</p> <p>SCE has an environmental management system with standards, manuals and project-specific requirements for managing water runoff and discharges, spill management and waste management.</p> <p>SCE has 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 stormwater program with best management practices to prevent pollutants in stormwater 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 the effectiveness of our programs, monthly inspections and annual field assessments are conducted. In addition, SCE benchmarks with other companies covered under the utility vault discharges permit.</p> <p>From our day-to-day operations and project work, SCE generates nonhazardous, hazardous, electronic and universal waste. SCE manages waste 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.</p> <p>SCE utilizes formal internal program assessments and audits to evaluate the hazardous waste program. The assessments include a review of written documents, including standards, manuals and required records, in conjunction with facility visits, to evaluate the implementation of the programs in the field.</p>										
306-1	Waste generation and significant waste-related impacts	Part II: Environment — Waste Management & Asset Recovery										
306-2	Management of significant waste-related impacts	Part II: Environment — Waste Management & Asset Recovery										
306-3	Waste generated	<table border="1"> <thead> <tr> <th colspan="2">WASTE BY COMPOSITION, IN METRIC TONS (MT)</th> </tr> <tr> <th>Waste Composition</th> <th>Total 2023</th> </tr> </thead> <tbody> <tr> <td>Hazardous Waste¹ includes contaminated soil, lead based paint</td> <td>481</td> </tr> <tr> <td>Nonhazardous Waste² including debris and soil, soil and water, clarifier water, nonfriable asbestos</td> <td>14,619</td> </tr> <tr> <td>Total Waste</td> <td>15,100</td> </tr> </tbody> </table>	WASTE BY COMPOSITION, IN METRIC TONS (MT)		Waste Composition	Total 2023	Hazardous Waste ¹ includes contaminated soil, lead based paint	481	Nonhazardous Waste ² including debris and soil, soil and water, clarifier water, nonfriable asbestos	14,619	Total Waste	15,100
WASTE BY COMPOSITION, IN METRIC TONS (MT)												
Waste Composition	Total 2023											
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Weight based upon manifested weight and standard conversions adopted by the California Environmental Protection Agency. Metrics do not include investment recovery materials.

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. SONGS is included in this metric.

² Nonhazardous 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 nonhazardous disposal for the organization. There is other nonhazardous waste that is managed by contractors outside of the program and there are other projects such as engineering, procurement and construction projects where contractors are permitted to manage SCE nonhazardous wastes. SONGS is not included in this metric.

DISCLOSURE #	DISCLOSURE	LOCATION/RESPONSE																																																
306-4	Waste diverted from disposal	<table border="1"> <thead> <tr> <th colspan="4">WASTE DIVERTED FROM DISPOSAL BY RECOVERY OPERATIONS, IN METRIC TONS (MT)</th> </tr> <tr> <th>Hazardous Waste¹</th> <th>Onsite</th> <th>Offsite</th> <th>Total 2023</th> </tr> </thead> <tbody> <tr> <td>Recycling</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>Total</td> <td></td> <td></td> <td>0</td> </tr> <tr> <th colspan="4">Nonhazardous Waste²</th> </tr> <tr> <td>Recycling</td> <td>0</td> <td>5,284</td> <td>5,284</td> </tr> <tr> <td>Total</td> <td></td> <td></td> <td>5,284</td> </tr> </tbody> </table>	WASTE DIVERTED FROM DISPOSAL BY RECOVERY OPERATIONS, IN METRIC TONS (MT)				Hazardous Waste ¹	Onsite	Offsite	Total 2023	Recycling	0	0	0	Total			0	Nonhazardous Waste ²				Recycling	0	5,284	5,284	Total			5,284																				
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Hazardous Waste ¹	Onsite	Offsite	Total 2023																																															
Recycling	0	0	0																																															
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Nonhazardous Waste ²																																																		
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Total			5,284																																															
306-5	Waste directed to disposal	<table border="1"> <thead> <tr> <th colspan="4">WASTE DIRECTED TO DISPOSAL BY DISPOSAL OPERATIONS, IN METRIC TONS (MT)</th> </tr> <tr> <th>Hazardous Waste¹</th> <th>Onsite</th> <th>Offsite</th> <th>Total 2023</th> </tr> </thead> <tbody> <tr> <td>Incineration (with energy recovery)</td> <td>0</td> <td>93</td> <td>93</td> </tr> <tr> <td>Incineration (without energy recovery)</td> <td>0</td> <td>228</td> <td>228</td> </tr> <tr> <td>Landfilling</td> <td>0</td> <td>160</td> <td>160</td> </tr> <tr> <td>Other disposal operations (treatment)</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>Total</td> <td></td> <td></td> <td>481</td> </tr> <tr> <th colspan="4">Nonhazardous Waste²</th> </tr> <tr> <td>Incineration (without energy recovery)</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>Landfilling</td> <td>0</td> <td>9,331</td> <td>9,331</td> </tr> <tr> <td>Other disposal operations (treatment)</td> <td>0</td> <td>4</td> <td>4</td> </tr> <tr> <td>Total</td> <td></td> <td></td> <td>9,335</td> </tr> </tbody> </table>	WASTE DIRECTED TO DISPOSAL BY DISPOSAL OPERATIONS, IN METRIC TONS (MT)				Hazardous Waste ¹	Onsite	Offsite	Total 2023	Incineration (with energy recovery)	0	93	93	Incineration (without energy recovery)	0	228	228	Landfilling	0	160	160	Other disposal operations (treatment)	0	0	0	Total			481	Nonhazardous Waste ²				Incineration (without energy recovery)	0	0	0	Landfilling	0	9,331	9,331	Other disposal operations (treatment)	0	4	4	Total			9,335
WASTE DIRECTED TO DISPOSAL BY DISPOSAL OPERATIONS, IN METRIC TONS (MT)																																																		
Hazardous Waste ¹	Onsite	Offsite	Total 2023																																															
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Weight based upon manifested weight and standard conversions adopted by the California Environmental Protection Agency.

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DISCLOSURE # DISCLOSURE LOCATION/RESPONSE

GRI 400: SOCIAL

GRI 401: Employment

3-3	Management of material topic	Part II: Sustainability — Material Environmental, Social & Governance (ESG) Topics Part I: Leading with Diversity, Equity & Inclusion — Workforce Attraction, Development & Engagement Part II: Workplace — Workforce Attraction, Development & Engagement Part II: Governance 2023 Edison International Form 10-K , Human Capital, p. 137 Edison International 2024 Proxy Statement , Corporate Governance, p. 12				
401-1	New employee hires and employee turnover ¹ Data is for Edison International, SCE and Trio ²	2023 by Age				
		All Employees	External Hires	Voluntary Separation		
		Under 30	1,422 (10%)	596 (35%) Rate: 42%	84 (14%) Rate: 6%	
		30–50	8,154 (57%)	969 (57%) Rate: 12%	205 (35%) Rate: 3%	
		Over 50	4,799 (33%)	147 (9%) Rate: 3%	294 (50%) Rate: 6%	
		Total	14,375 (100%)	1,712 (100%) Rate: 12%	583 (100%) Rate: 4%	
		2023 by Gender				
All Employees	External Hires	Voluntary Separation				
Male	9,807 (68%)	1,161 (68%) Rate: 12%	356 (61%) Rate: 4%			
Female	4,568 (32%)	551 (32%) Rate: 12%	227 (39%) Rate: 5%			
Total	14,375 (100%)	1,712 (100%) Rate: 12%	583 (100%) Rate: 4%			
401-2	Benefits provided to full-time employees that are not provided to temporary or part-time employees	Part II: Workplace — Workforce Attraction, Development & Engagement — Promoting a Healthy & Rewarding Workplace Edison International Careers Website, Benefits Overview 2023 Edison International Form 10-K , Human Capital, pp. 137–140 Part-time employees are also offered a select range of benefits.				
401-3	Parental leave	675 employees took parental leave for bonding in 2023 (130 female and 545 male). For various reasons, of these 675 bonding claims, 2% of employees separated from the company. 3.85% of female employees who opened claims separated and 1.65% of male employees who opened claims separated.				

¹ Numbers do not sum due to rounding.

² Formerly known as Edison Energy, Altenex Energy and Alfa Energy, the group has unified under the new name “Trio”, operating under Edison Energy, LLC, an indirect, wholly-owned, non-utility subsidiary of Edison International, to enhance its global sustainability and energy advisory services. Trio is not the same company as SCE, the utility, and Trio is not regulated by the CPUC.

DISCLOSURE #	DISCLOSURE	LOCATION/RESPONSE
GRI 402: Labor/Management Relations		
3-3	Management of material topic	Introduction: Sustainability Goals Part II: Sustainability — Material Environmental, Social & Governance (ESG) Topics Part II: Workplace — Workforce Attraction, Development & Engagement — Union Partnerships Part II: Governance Part II: Workplace — Safety: Additional Details Part I: Operating with Excellence — Safety Edison International 2024 Proxy Statement , Corporate Governance, pp. 12–17 2023 Edison International Form 10-K , Human Capital, pp. 137–139
402-1	Minimum notice periods regarding operational changes	SCE typically provides 60 days' advance notice for any substantive changes that may require bargaining. This is based on the National Labor Relations Act (NLRA) and legal precedent set, as well as past interactions with our unions.
GRI 403: Occupational Health and Safety		
3-3	Management of material topic	Introduction: Sustainability Goals Part II: Sustainability — Material Environmental, Social & Governance (ESG) Topics Part I: Operating with Excellence — Safety Part II: Workplace — Safety: Additional Details Part II: Governance Edison International 2024 Proxy Statement , Letter to Shareholders, pp. i–ii Edison International 2024 Proxy Statement , Corporate Governance, p. 20 2023 Edison International Form 10-K , Human Capital, pp. 138–139
403-1	Occupational health and safety management system	Part I: Operating with Excellence Part II: Workplace — Safety: Additional Details
403-2	Hazard identification, risk assessment, and incident investigation	Part I: Operating with Excellence — Safety Part II: Workplace — Safety: Additional Details
403-3	Occupational health services	Part I: Operating with Excellence — Safety Part II: Workplace — Safety: Additional Details
403-4	Worker participation, consultation, and communication on occupational health and safety	Part I: Operating with Excellence — Safety Part II: Workplace — Safety: Additional Details

DISCLOSURE #	DISCLOSURE	LOCATION/RESPONSE
GRI 403: Occupational Health and Safety (continued)		
403-5	Worker training on occupational health and safety	Part I: Operating with Excellence Part II: Workplace — Safety: Additional Details
403-7	Prevention and mitigation of occupational health and safety impacts directly linked by business relationships	Part I: Operating with Excellence Part II: Workplace — Safety: Additional Details
403-8	Workers covered by an occupational health and safety management system	All employees are covered by our occupational health and safety management system.
403-9	Work-related injuries	Part I: Operating with Excellence — Safety — Safety Performance
GRI 404: Training and Education		
3-3	Management of material topic	Part II: Sustainability — Material Environmental, Social & Governance (ESG) Topics Part II: Environment — Environmental Management System (EMS) Part II: Workplace — Workforce Attraction, Development & Engagement Part II: Governance 2023 Edison International Form 10-K , Human Capital, pp. 137–139
404-2	Programs for upgrading employee skills and transition assistance programs:	Part II: Workplace — Workforce Attraction, Development & Engagement
404-3	Percentage of employees receiving regular performance and career development reviews	All full-time nonrepresented employees receive regular performance reviews. Thirty percent of Edison's full-time employees are nonrepresented. Performance reviews for represented employees depend on their collective bargaining agreement.
GRI 405: Diversity and Equal Opportunity		
3-3	Management of material topic	Introduction: Sustainability Goals Part II: Sustainability — Material Environmental, Social & Governance (ESG) Topics Part I: Leading with Diversity, Equity & Inclusion — Our Commitment to a Diverse, Equitable & Inclusive Culture Part II: Workplace — Diversity, Equity & Inclusion (DEI): Additional Details Part II: Governance Edison International 2024 Proxy Statement , Letter to Shareholders, pp. i–ii Edison International 2024 Proxy Statement , ESG Oversight, p. 23 2023 Edison International Form 10-K , Human Capital, pp. 137–139 Edison International Employee Code of Conduct
405-1	Diversity of governance bodies and employees	Part I: Leading with Diversity, Equity & Inclusion Appendix: Sustainability Scorecard Edison International 2024 Proxy Statement , Our Director Nominees, p. 4
405-2	Ratio of basic salary and remuneration of women to men	Part I: Leading with Diversity, Equity & Inclusion — Our Commitment to a Diverse, Equitable & Inclusive Culture

DISCLOSURE #	DISCLOSURE	LOCATION/RESPONSE
GRI 406: Non-discrimination		
3-3	Management of material topic	Part II: Sustainability — Material Environmental, Social & Governance (ESG) Topics Part I: Leading with Diversity, Equity & Inclusion — Our Commitment to a Diverse, Equitable & Inclusive Culture Part II: Workplace — Diversity, Equity & Inclusion (DEI): Additional Details Part II: Governance
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		
3-3	Management of material topic	Part II: Sustainability — Material Environmental, Social & Governance (ESG) Topics Part II: Workplace — Diversity, Equity & Inclusion — Workforce Attraction, Development & Engagement — Union Partnerships Part II: Governance 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, leadership of specific SCE operational units 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). Additionally, we abide by the governing act, NLRA as governed by the NLRB, in regard 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.
407-1	Operations and suppliers in which the right to freedom of association and collective bargaining may be at risk	SCE has a long-standing relationship with the International Brotherhood of Electrical Workers (IBEW) Local 47. The unions hold certifications for the work performed by their members. Moreover, we do not prohibit our nonrepresented 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.
GRI 413: Local Communities		
3-3	Management of material topic	Part II: Sustainability — Material Environmental, Social & Governance (ESG) Topics Part II: Communities Part II: Governance
413-1	Operations with local community engagement, impact assessments, and development programs	Part II: Communities 2023 Supplier Diversity Annual Report & 2024 Annual Plan
413-2	Operations with significant actual and potential negative impacts on local communities	Part I: Operating with Excellence — Safety — Public Safety Part II: Sustainability Part II: Environment — Waste Management & Asset Recovery — San Onofre Nuclear Generating Station (SONGS) Decommissioning Part II: Customers — Public Safety: Additional Details

DISCLOSURE #	DISCLOSURE	LOCATION/RESPONSE
GRI 415: Public Policy		
3-3	Management of material topic	Part II: Sustainability — Material Environmental, Social & Governance (ESG) Topics Part I: Leading the Clean Energy Transition — Climate Adaptation & Resiliency Part I: Leading the Clean Energy Transition — Public Policy Engagement Part II: Governance — Political Activities 2023 Political Contributions and Expenditures Edison International 2024 Proxy Statement , Political Engagement and Disclosure, p. 24
415-1	Political contributions: Organization's support for political causes	Part II: Governance — Political Activities 2023 Political Contributions and Expenditures
GRI 416: Customer Health and Safety		
3-3	Management of material topic	Part II: Sustainability — Material Environmental, Social & Governance (ESG) Topics Introduction: Sustainability Goals Part I: Operating with Excellence — Safety Part II: Customers — Public Safety: Additional Details Introduction: Sustainability Goals Part II: Governance Edison International 2024 Proxy Statement , Corporate Governance, p. 24
416-1	Assessment of the health and safety impacts of product and service categories	Part I: Operating with Excellence — Safety Part II: Customers — Public Safety: Additional Details
416-2	Incidents of non-compliance concerning the health and safety impacts of products and services	Financially material noncompliance events that require disclosure under Item 103 of Regulation S-K, if any, are disclosed in Edison International's 10-K and 10-Q filings with the Securities and Exchange Commission under the heading "Legal Proceedings".
GRI 418: Customer Privacy		
3-3	Management of material topic	Part II: Sustainability — Material Environmental, Social & Governance (ESG) Topics Part I: Operating with Excellence — Cyber & Physical Security Part II: Governance — Cyber & Physical Security: Additional Details Part II: Governance
418-1	Substantiated complaints concerning breaches of customer privacy and losses of customer data	2023 Edison International Form 10-K , Cybersecurity and Physical Security Risks, pp. 48–49 SCE also files annual privacy reports with the California Public Utilities Commission (CPUC). SCE is relying on the requirements of the CPUC Decision (D.) 11-07-056 for the purposes of this report. This report is publicly available at CPUC Smart Grid Landing Page . SCE Privacy Notice

U.N. SDG INDEX



MAJOR FOCUS: 7 — AFFORDABLE AND CLEAN ENERGY

Ensure Access to Affordable, Reliable, Sustainable and Modern Energy for All

WHY THIS IS 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 in terms of retail sales by 2045 in alignment with California law. We are also investing in and partnering across a multistakeholder 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 economywide greenhouse gas (GHG) emissions-reduction targets.

More Information

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- [Leading the Clean Energy Transition](#)
- [Operating with Excellence](#)

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HOW WE'RE CONTRIBUTING

SDG Target 7.1: By 2030, ensure universal access to affordable, reliable and modern energy services

- SCE is forecasted to invest approximately \$38 billion to \$43 billion from 2023 through 2028 in capital expenditures to support the clean energy transition through a modern and resilient electric grid.
- SCE has the lowest system average rate of the three major California investor-owned utilities and has a long history of cost management to support customer affordability.
- SCE offers reduced energy bill programs to income-qualified customers, who make up nearly one-third of SCE customers.
- SCE considers low-income customers and environmental and social justice (ESJ) communities when designing programs and incentives to connect customers with clean energy technologies.
- SCE uses advanced analytics, including artificial intelligence (AI) and machine learning (ML), to provide real-time insights into grid health to improve reliability.

SDG Target 7.2: By 2030, increase substantially the share of renewable energy in the global energy mix

- SCE is required by the California Renewables Portfolio Standard (RPS) program to meet the following retail sales milestones for the power it delivers to customers:
 - By 2024 — 44% of power from RPS-eligible resources
 - By 2027 — 52% of power from RPS-eligible resources
 - By 2030 — 60% of power from RPS-eligible resources
- California's Clean Energy Act of 2018 (SB 100 and SB 1020) requires California to plan for the following carbon-free power retail sales milestones for customers:
 - By 2035 — 90% carbon-free power
 - By 2040 — 95% carbon-free power
 - By 2045 — 100% carbon-free power
- SCE is advocating, as part of an economywide approach, for California to go beyond the current 2030 goal of 60% RPS-eligible power delivered to customers and to reach 80% carbon-free power.
 - With approximately 7,200 MW of energy storage installed or contracted, SCE has one of the largest energy-storage portfolios in the nation.
 - Trio¹ has advised on 11,690 MW of renewable energy power purchase agreements, including 1,344 MW of executed deals in 2023.
 - In 2023, SCE interconnected approximately 96,261 behind-the-meter, solar-only installations and 16,614 energy storage and solar paired systems to the grid.

SDG Target 7.3: By 2030, double the global rate of improvement in energy efficiency

- Trio partners with large organizations globally, including 49 of the world's largest companies, to identify solutions to help them reduce their carbon footprints and reach their own sustainability and cost goals.
- Trio's "Insights Platform" provides organizations with unique transparency and intelligence to better manage energy activities and performance.
- In 2023, over 1,400 gigawatt hours of energy were saved through the more than 90 energy-efficiency programs that SCE offers; this translates into a reduction in GHG emissions of approximately 378,000 metric tons.
- SCE serves customers entirely within the state of California, which is a leader in energy efficiency programming, reducing the need for new fossil-fuel burning generation assets. As a decoupled utility, SCE does not profit from the sale of each kilowatt-hour and is incentivized to help customers achieve efficiency in their energy use.

MEASURING PROGRESS

We have set a goal to deliver 100% carbon-free power in terms of retail sales to SCE customers by 2045.

In 2023, 52% of SCE's total delivered power came from carbon-free sources.

¹ Formerly known as Edison Energy, Altenex Energy and Alfa Energy, the group has unified under the new name "Trio", operating under Edison Energy, LLC, an indirect, wholly-owned, non-utility subsidiary of Edison International, to enhance its global sustainability and energy advisory services. Trio is not the same company as SCE, the utility, and Trio is not regulated by the CPUC.



MAJOR FOCUS: 9 — INDUSTRY, INNOVATION AND INFRASTRUCTURE

Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation

WHY THIS IS A PRIORITY

SCE's role to provide safe, reliable, affordable and clean power underpins the Southern California economy and fosters growth. It's imperative that the grid is resilient enough to withstand physical and cyber threats to ensure that businesses can continue to deliver goods and services to customers and innovate for the future.

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HOW WE'RE CONTRIBUTING

SDG Target 9.1: Develop quality, reliable, sustainable and resilient infrastructure, including regional and transborder infrastructure, to support economic development and human well-being, with a focus on affordable and equitable access for all

- In 2023, Edison International's *Countdown to 2045*, is an updated analysis of the bold steps needed to enable massive electrification growth and expand the grid while achieving the most feasible, affordable solutions to meet California's ambitious net-zero goal.
- In 2022, Edison International's *Adapting for Tomorrow* shares key findings from SCEs Climate Adaptation Vulnerability Assessment and calls for increased collaboration between public and private stakeholders to successfully adapt while transitioning to a clean energy future that can be equitable for all.
- Edison International's *Mind the Gap* policy paper, published in 2021, highlights the accelerated rate of annual GHG emissions reductions needed across the California economy to achieve the state's 2030 climate goals, outlining the policies needed to support utility infrastructure, among others.
- SCE's *Reimagining the Grid* white paper, published in 2020, is a comprehensive assessment of the grid changes needed to support California's GHG emissions-reduction goals, while adapting to evolving customer and climate-change-driven needs.
- SCE is building the grid of the future to deliver 100% carbon-free power to customers by 2045, integrate distributed energy resources and other new technologies and services, and remain safe, reliable, affordable and resilient to climate change and cyber threats.
- SCE is shifting its grid planning and capabilities from a systemwide-only focus to one that meets multiple objectives based on specific and localized needs, while also addressing systemwide needs.
- SCE is increasing its use of drones to gather images in the field, as well as AI and ML to drive automation and data integration.
- In 2023, SCE has installed about 1,220 circuit miles of covered conductor, hardening nearly 60% of SCE's overhead distribution lines in high fire risk areas. In 2023, SCE also installed or replaced approximately 560 fast-acting fuses, bringing the total completed to more than 14,200.
- Policy Power Player of the Year: Countdown to 2045 (Smart Electric Power Alliance) — Edison International and SCE

MEASURING PROGRESS

SCE plans to invest approximately \$38 billion to \$43 billion from 2023 through 2028 in capital expenditures to support the clean energy transition through a modern and resilient electric grid.



MAJOR FOCUS: 11 — SUSTAINABLE CITIES AND COMMUNITIES

Make cities and human settlements inclusive, safe, resilient and sustainable

WHY THIS IS A PRIORITY

Significant electrification of transportation and buildings, coupled with advanced energy efficiency, is necessary to achieve California's decarbonization goals. It also improves air quality in the communities most impacted by pollution and vulnerable to its effects. As California's only investor-owned electric utility without a natural gas distribution business, SCE is uniquely positioned to advance electrification initiatives.

More Information

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HOW WE'RE CONTRIBUTING

SDG Target 11.6: By 2030, reduce the adverse per capita environmental impact of cities, including by paying special attention to air quality and municipal and other waste management

- SCE's [Pathway 2045](#) identified a clean power and electrification-led strategy as the most affordable way to achieve economywide net-zero GHG emissions.
- In 2022, we advocated in support of billions of dollars of federal funding for electric technologies that promote the transition to a decarbonized economy. We were particularly pleased to see the Inflation Reduction Act's extension of federal tax credits to pre-owned electric vehicles (EVs), a provision for which SCE strongly advocated and modeled after an SCE program.
- In 2023, SCE continued to execute on its \$436 million Charge Ready Light Duty program, which mandates 50% of new charge port installations to be in state-designated disadvantaged communities. As of 2023, SCE has achieved 51% installations in these communities.
- SCE is electrifying its own fleet in line with [Pathway 2045](#) and has a robust building electrification portfolio, with more than 99% of its buildings and 79% of its total building square footage using electricity as the primary fuel source.
- Edison International has invested in a range of companies that accelerate the transition to electric transportation.

MEASURING PROGRESS

We have set electrification goals related to investing in infrastructure to support SCE customer adoption of EVs, as well as electrifying SCE's own vehicle fleet.



MAJOR FOCUS: 13 — CLIMATE ACTION

Take urgent action to combat climate change and its impacts

WHY THIS IS A PRIORITY

We believe we have a responsibility to respond to the climate challenge by working toward mitigation, while adapting our business to climate-change-driven effects. Through programs, investments, analysis and partnerships with key stakeholders, we're committed to doing our part.

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HOW WE'RE CONTRIBUTING

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

- In May 2022, SCE made public a climate adaptation vulnerability assessment (CAVA), which evaluates the potential long-term impacts of temperature, precipitation, sea-level rise and wildfire hazards on our infrastructure and operations; the assessment uses 10 California-endorsed Global Climate Models as the best representation of climatic patterns and a conservative, high-emissions global warming scenario to ground this assessment.
- 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.
- SCE continues to harden the electric grid to ensure safety, grid resiliency and system readiness for these growing climate change impacts; SCE met or exceeded nearly all of its wildfire mitigation goals in 2023.

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

- Edison International partners 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.
- Edison International participates in national organizations and coalitions to advance policies addressing climate change and advancing clean energy, with a particular advocacy focus on electrification.
- In early 2022, President Biden met with electric utility industry leadership, including Edison International President and CEO Pedro J. Pizarro, to discuss his climate agenda, which was later codified in the Inflation Reduction Act (IRA). The IRA's extension of federal tax credits to preowned EVs was a provision for which SCE strongly advocated and modeled after an SCE program.
- Edison International's public policy engagement includes significant focus on influencing the policy agenda to help deliver the benefits of clean energy and electrification, especially affordability benefits for customers.
- Edison International senior executives, including the president and CEO, hold leadership positions on external boards to advance the company's clean energy objectives.
- SCE partners with the Greenlining Institute to convene the Clean Energy Access Working Group, consisting of key stakeholders to review clean energy-related policies, programs and projects targeting ESJ communities.
- SCE is installing infrastructure to support EV charge ports to help businesses, local government and members of the public switch to electric transportation.

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

- SCE sponsors the emPOWER program, which provides funding, training and other tools to community-based organizations for culturally appropriate and in-language education about the cost savings available from clean energy programs.
- Edison International has partnered with the American Red Cross PrepareSoCal campaign since 2012 and was a founding partner.
- To support SCE's CAVA, SCE launched a Climate Resilience Leadership Group (CRLG), a forum of community leaders working with SCE on a six-month engagement to collect local feedback from disadvantaged vulnerable communities. SCE is now working with CRLG members to determine how we can help them meaningfully build climate adaptation capacity.

MEASURING PROGRESS

See goals outlined in SDGs 7, 9 and 11.

In addition, Edison International is committed to achieving net-zero GHG emissions across Scope 1, 2 and 3 by 2045.