EDISON INTERNATIONAL®

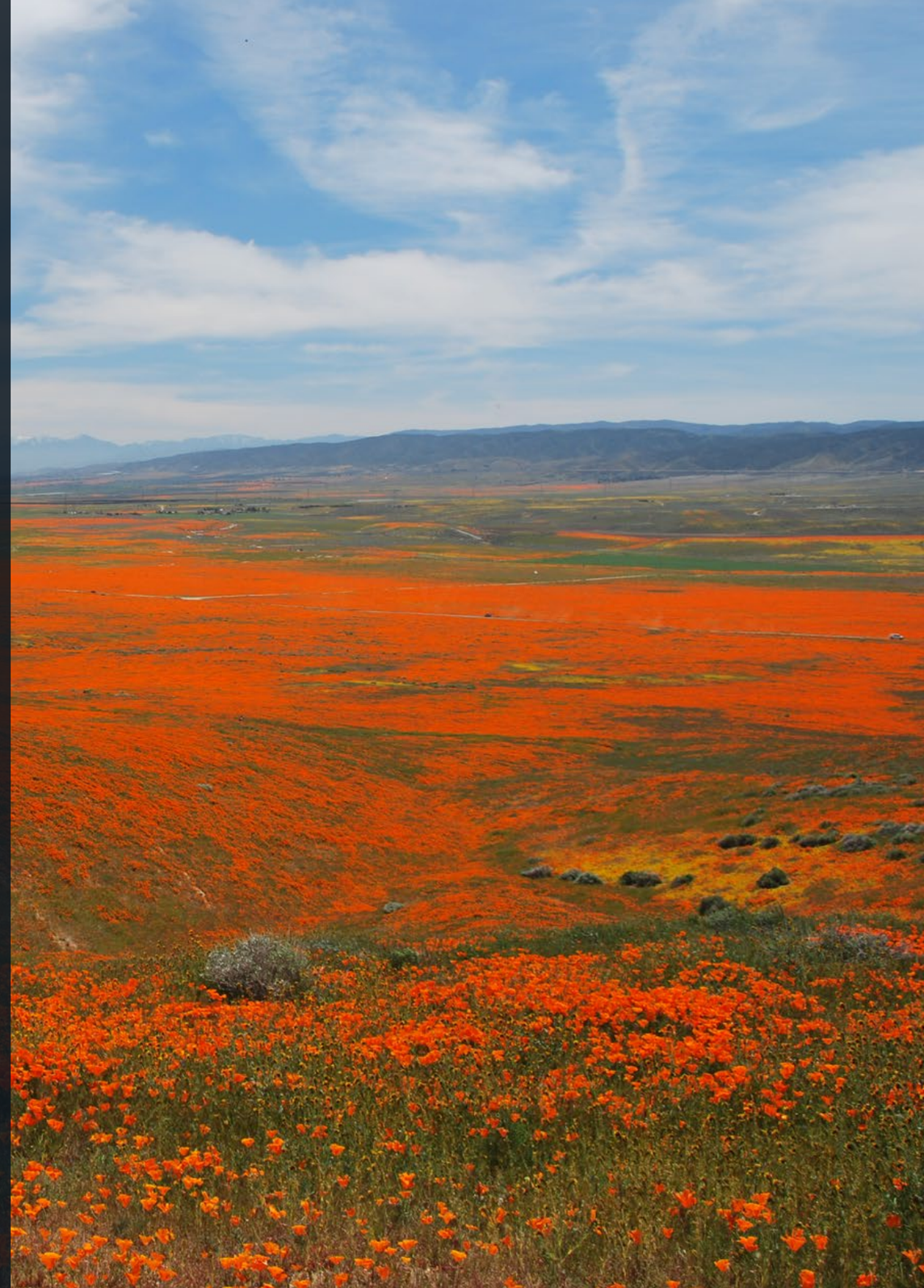
2022 SUSTAINABILITY REPORT

IN THIS REPORT

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 to create a world where homes and businesses, as well as cars, trucks and mass transit, are powered by carbon-free electricity. Our principal subsidiary, Southern California Edison, 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, Edison Energy,[1] partners with leading corporate, industrial and institutional clients around the globe to help them deliver on their strategic, financial, energy and sustainability goals.

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



A MESSAGE FROM OUR CEO

Edison International remains at the forefront of the clean energy transition.

As climate change continues to challenge our world in unprecedented ways, I'm confident in the strength of our team across Edison International, SCE and Edison Energy[1] to lead the clean energy transition affordably and effectively. We're paving the way for a future powered by 100% carbon-free electricity in terms of retail sales, adapting our system to climate change and supporting customers in reaching net-zero emissions. While the road ahead is long, our 2022 progress demonstrates our sense of urgency and ongoing commitment to sustainability.

Climate Change

In 2022, Edison International continued to execute on our clean energy strategy and net-zero commitment. Our principal subsidiary, SCE, delivered 45% carbon-free power to customers, installed electric vehicle (EV) charging infrastructure to enable customers to add more than 500 medium- and heavy-duty electric vehicles, and installed or contracted for more than 1,800 megawatts of energy storage. By year-end, SCE's energy storage portfolio totaled more than 5,000 megawatts, maintaining it as one of the largest in the nation. Edison Energy, our competitive business, advised its clients, which include 26 of the Fortune 100, on more than 1,450 megawatts of renewable energy power purchase agreements and expanded its reach in Europe.

Developing the ability to withstand near- and long-term climate change impacts is driving our climate adaptation approach. Last year, SCE crews faced significant heat, rain and snow conditions. Edison Energy supported customers through heat waves and gas supply shortfalls in Europe. In May 2022, SCE published a climate adaptation vulnerability assessment, one of the first in the industry, projecting climate impacts out to 2070. Edison International's *Adapting for Tomorrow*, published in parallel, summarized key findings and called for increased multisector collaboration. SCE also continued its efforts to mitigate against climate-change-driven wildfires, meeting or exceeding nearly all of its wildfire mitigation goals. Compared to pre-2018 levels, SCE's grid hardening work has reduced the probability of losses from a catastrophic wildfire linked to SCE equipment by 75% to 80%.

I'm proud of our team's work to forge coalitions nationally and internationally to address climate change. This was our third year participating in the United Nations Climate Change Conference (COP27), an important engagement not only for the company but also for the sector. Earlier in 2022, I joined other electric sector leaders in an industry meeting with President Biden. The discussion covered the President's climate agenda, later codified in the Inflation Reduction Act (IRA). It was especially heartening to see the IRA's inclusion of a used EV tax credit — a program modeled after one that SCE pioneered.

Environmental & Social Justice

The clean energy transition will be successful only if it is accessible and affordable to everyone. Empowering customers, particularly the most vulnerable, to adopt clean energy technologies is a significant focus. By year-end 2022, nearly half of the ports installed through SCE's Charge Ready light-duty program have been in underserved communities. What's more, the strategic investments we're making today are foundational to SCE's ability to remain reliable, resilient and ready for what lies ahead. These investments will ultimately lead to lower total energy costs — including gasoline, natural gas and electricity — for the average residential SCE customer.

An equitable clean energy transition requires a more diverse, highly skilled workforce. Edison International's commitment to diversity, equity and inclusion focuses on developing and recruiting the talent we'll need. In 2022, Edison International graduated our first cohort of Lineworker Scholarship recipients with the objective to expand SCE's talent pool for lineworker positions. With an initial focus on increasing Black representation, the program has now expanded to include other underrepresented talent. In keeping with our long-standing commitment, more than 80% of our $20 million shareholder-funded charitable contributions in 2022 went to organizations and initiatives focused on diverse and underserved communities.

Vision for the Future

Edison International is proud to lead the way on these initiatives and partnerships and to support our stakeholders. A future powered by clean electricity is upon us. We stand ready to make this future a reality — reliably, affordably and sustainably.

Pedro J. Pizarro,
President and Chief Executive Officer

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2022 YEAR IN REVIEW

Climate Change

Leadership in physical risk assessments, with SCE publishing one of the first climate adaptation vulnerability assessments in the industry

Delivered 45% carbon-free power in terms of retail sales to SCE customers, 48% cleaner than the national average

Contracted with 1,800 MW energy storage at SCE, bringing total to more than 5,000 MW owned or under contract — one of the largest portfolios in the nation

Advised on 1,400+ MW of renewable energy power purchase agreements at Edison Energy[1], bringing total to 10,400 MW

Operational Excellence

1,000+ MW of demand response program peak load reduction at SCE to help prevent rotating outages during September 2022 heat storm

Met or exceeded nearly all Wildfire Mitigation Program targets at SCE and reduced probability of loss from catastrophic wildfires linked to SCE equipment by 75%–80% since 2018

Continued multiyear track record of having the lowest system average rate among California's large investor-owned utilities at SCE

Diversity, Equity & Inclusion

$1M, four-year Lineworker Scholarship Program, focused on underrepresented talent, graduated its first cohort

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

Spent $2.4B with diverse suppliers at SCE, representing 35.4% of SCE's total procurement spend

Gender parity achieved among independent Board directors and maintained among senior leadership team

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ACCOLADES

In 2022, Edison International and our subsidiaries (where noted) received wide-ranging recognition, including the following awards:

Climate Change

Technology Transfer Awards:
Solar, Energy Storage and Load Management and Fuel Removal Assessment for Wildfire Mitigation — SCE (Electric Power Research Institute)

Utility Project of the Year
Electric Access System Enhancement — Distributed Energy Resource Interconnection Project — SCE (Smart Electric Power Alliance)

Corporate Strategy to Advance Community and Climate Resilience — SCE (Center for Climate and Energy Solutions)

ESG Leader of the Year WE3 Summit Innovator Awards, hosted by Smart Energy Water (SEW) and Zpryme

Diversity, Equity & Inclusion

Best Places to Work in 2022
(Glassdoor) — SCE

Transparency Award
"Highly Commended" (World 50 Inclusion & Diversity Impact Awards)

Best Places to Work for LGBTQ+ Equality
(Human Rights Campaign Foundation — Corporate Equality Index)

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

Best Companies for Latinos
(Latino Leaders Magazine) — SCE

CII 5 Star Company
(Hispanic Association of Corporate Responsibility)

Leadership

Diversity, Equity, Inclusion and Accessibility Visionaries
Pedro Pizarro (Los Angeles Times B2B Publishing, p. 45)

101 Most Influential Latinos
Pedro Pizarro (Latino Leaders Magazine, #45)

Business Resource Groups (BRGs)

Top 25 Diversity Impact Awards
Women's Roundtable, SCE BRG (The Global ERG Network)

Governance

"Trendsetter"
100% score on the CPA-Zicklin Index of Corporate Political Disclosure and Accountability (Center for Political Accountability)

Diversity, Equity & Inclusion Awards
Finalist (National Association of Corporate Directors)

Top-rated governance score
(Institutional Shareholder Services)

"GB" (Gender-balanced) corporation
(50/50 Women on Boards)

Commitment to diverse leadership
Edison International Board members Pedro Pizarro and Michael Camuñez (Latino Leaders Magazine)

Operational Excellence

"A" rating
(Global Listed Infrastructure Organisation)

America's Most JUST Companies
Top 50 (JUST Capital)

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 independent companies.

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 Edison Energy,[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, Edison Energy, partners with leading organizations, including 26 of the Fortune 100, to set and meet sustainability goals and navigate the choices and opportunities that are emerging from the transition to a net-zero future. Edison Energy recently expanded its geographic footprint in Europe and is now doing business in 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**

Learn more about how Edison International upholds our values throughout our operations in our Employee Code of Conduct and our Supplier Code of Conduct.

Edison International by the Numbers

17B+ revenue

13,000+ employees

$20M annual philanthropic contributions[2]

More than **70%** workforce diverse in terms of gender, race and/or ethnicity

50,000+ square-mile SCE service area across southern, central and coastal California

125,000+ miles of SCE distribution and transmission lines

~$6B SCE capital investments annually in a safe, reliable clean energy grid

15M residents and **5M** customer accounts in SCE service area

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[2] Inclusive of the company's volunteer and matching gift contribution.

SUSTAINABILITY GOALS

Edison International's sustainability goals reflect long-term commitments we have made related to our material environmental, social and governance (ESG) 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 Scopes 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.
Diversity, Equity & Inclusion	Achieve gender parity in executive roles by 2030.
Public Safety	No serious injuries to the public from failure of SCE's electrical system.
Electrification	By 2024, obtain SCE customer commitments to deploy 8,490 medium- and heavy-duty EVs through SCE's Charge Ready Transport program. 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. 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. Coming Soon: Building Electrification goal aligned with SCE's *Pathway 2045* blueprint for California to achieve carbon neutrality and the conclusions of Edison International's *Mind the Gap.* (See Thought Leadership).
Workforce Safety & Health	No worker (employee or contractor) fatalities. By 2026, improve employee physical and psychological safety as measured by safety culture assessment.

PART I: HIGHLIGHTS

ACCELERATING THE CLEAN ENERGY TRANSITION TO ADDRESS CLIMATE CHANGE

Edison International is making strides to mitigate against climate change by accelerating the clean energy transition and adoption of efficient electrified technologies. We are also focused on adapting our business in the near and long term to the effects of climate change, including climate change-driven wildfires.

CLIMATE CHANGE MITIGATION

Edison International is a nationally recognized leader in the clean energy transition. Our principal subsidiary, SCE, delivers power to customers entirely within the state of California, which has some of the most ambitious science-based climate change goals in the world, including a 40% reduction in greenhouse gas (GHG) emissions from 1990 levels by 2030, net-zero GHG emissions by 2045 and net-negative GHG emissions thereafter.

California's climate goals are broadly considered to be consistent with the Paris Agreement, including keeping global temperature increases below 1.5°C. The goals are also consistent with the federal-level economywide target to reduce GHG emissions from 2005 levels by 50% to 52% as of 2030. Our strategy to help achieve these goals is risk-informed, based on climate modeling and expert analysis.

With its headquarters and primary footprint in California, Edison International has aligned its climate commitment with California's statewide climate goals and aims to achieve net-zero GHG emissions across Scopes 1, 2 and 3 by 2045. These commitments cover the power SCE delivers to customers and Edison International's enterprisewide operations, including our supply chain. As part of these commitments, SCE is working to deliver 100% carbon-free power to customers in terms of retail sales by 2045.

Edison International is also focused on enabling emissions reductions across other sectors through adoption of electric technologies connected to a clean power grid. Our analyses and others' show electrification of transportation and buildings, coupled with the use of low-carbon fuels for technologies not viable for electrification, is the most affordable path to a net-zero GHG emissions economy and can help reduce customers' overall energy costs over the long term.

Edison Energy[1] advises clients throughout their decarbonization journey, including renewable energy procurement, fleet electrification, energy optimization programs and comprehensive sustainability strategy work inclusive of net-zero goals and science-based targets. With the recent acquisition of Alfa Energy, Edison Energy has extended its global presence and continues to drive change toward a net-zero future.

Science-Based Climate Change Goals

Edison International supports a just, affordable and responsible clean energy transition. Our climate goals are science-based in alignment with keeping global temperature increases below 1.5°C. 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 is one that prioritizes alignment with California's climate policies and customer affordability.

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Thought Leadership

Since 2017, Edison International and SCE have published five white papers outlining our analysis, recommendations and the cross-sector collaboration needed to achieve California's climate goals and adapt to climate change. We are currently updating SCE's *Pathway 2045* analysis, published in 2019, to reflect current assumptions and policies and expect to publish this in late 2023.

Read more about our key publications

Learn more in Climate Change Mitigation: Additional Details and Climate Adaptation.

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 to advance policies addressing climate change and advancing clean energy, with a particular advocacy focus on electrification. Our policy agenda also includes ensuring the security and reliability of the electric grid, including making it more resilient against cyber and physical attacks (see Cyber and Physical Security), wildfires and other climate-driven risks. We also focus on policies that will ensure an equitable transition to a clean-energy economy and support environmental and social justice (ESJ) especially in disadvantaged and historically underserved communities.

A Meeting with the President

In early 2022, President Biden met with electric utility industry leadership, including Edison International President and CEO Pedro Pizarro, to discuss his climate agenda, which was later codified in the Inflation Reduction Act. Pizarro expressed concern about the costs of inaction on climate change. The group also discussed tax credits aimed at accelerating the nation's deployment of clean energy.

SCE'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.

1980s

SCE's electricity sales are "decoupled" from utility financial results, enhancing the desirability of energy-efficiency programs. These programs lead to the development of new products, which 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.

1997

SCE divests all its gas-fired steam plants as a result of California Public Utilities Commission's (CPUC) retail competition ruling.

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.

2015

SCE no longer has coal in its specified portfolio.

2021

SCE completes 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.

Today

SCE is wires-focused, with less than 20% of electricity sales coming from SCE's own generating facilities. More than 40% of the power SCE delivers to customers comes from carbon-free sources.

Trade Associations

Edison International and our subsidiaries are members of certain trade associations that engage in lobbying activity. Through engagement with their leadership and policy committees, we seek to ensure these associations are aligned 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 these associations 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 is disclosed in our semiannual political contribution reports. 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.

Edison International's Alignment with Trade Associations

Trade Association	Climate Policy
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 Institute[1]	Promotes safe and effective storage of spent nuclear fuel, a critical issue for SCE during decommissioning of the San Onofre Nuclear Generating Station (SONGS) and for the industry, as it relies in part on nuclear energy as a carbon-free resource.
The 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 Electric Transportation Coalition[1]	Champions electrification of all forms of transportation, while promoting equitable job creation and economic development.
California Chamber of Commerce[1]	Shapes climate-change laws and regulations that are cost effective, technology neutral and promote market-based strategies to reduce GHGs.
Zero Emission Transportation Association	Industry-backed coalition advocating for the full adoption of electric vehicles (EVs) by 2030, which will create new jobs, secure American global EV manufacturing leadership, dramatically improve public health and significantly reduce carbon pollution.
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.

[1] Membership held by SCE.

Climate Action

Edison International supports collaborative efforts to address climate change. 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 pleased to see the recent adoption of the CHIPS and Science Act, Infrastructure Investment and Jobs Act and Inflation Reduction Act. These actions demonstrate a nationwide sense of urgency on climate issues and more closely align California's approach with federal climate policy. We were particularly pleased to see the Inflation Reduction Act's extension of federal tax credits to pre-owned EVs, a provision for which SCE strongly advocated and modeled after an SCE program.

In September 2022, Governor Newsom signed into law a climate change package that codified California's carbon neutrality goal, established interim carbon-free power targets to support achieving 100% carbon-free power delivered by 2045 and initiated a framework to support carbon-capture utilization and storage and natural carbon sequestration solutions. This further solidified the state's path toward carbon neutrality.

In December 2022, the California Air Resources Board approved California's 2022 Scoping Plan for Achieving Carbon Neutrality, which reflected the new legislation. The 2022 Scoping Plan is close to SCE's *Pathway 2045* in its final version and further bolsters Edison International's clean energy strategy and approach. Among other things, the Scoping Plan provides support for accelerated building electrification, addressing one of the key barriers Edison International's *Mind the Gap* identified to California achieving its economywide climate goals.

Governor Newsom's climate change package also included an 85% reduction in GHG emissions by 2045 from 1990 levels, a change from the state's previous policy to achieve an 80% reduction in GHG emissions from 1990 levels by 2050. Edison International is evaluating the implications of this new policy, particularly as it relates to SCE's *Pathway 2045* analysis. Preliminary analysis indicates that this new goal has the potential to result in additional cost and feasibility challenges from those identified in our 2019 *Pathway 2045* analysis. We expect to publish our updated analysis in late 2023.

For further details on the Scoping Plan and SCE's support of it, see California State Goals.

For more details on Edison International's approach to advancing our climate change agenda, see Climate Change Mitigation: Additional Details and Political Activities.

Edison International Participates in COP27

Edison International President and CEO Pedro Pizarro, along with other members of the senior leadership team, participated in the United Nations Climate Change Conference 2022 (COP27) to demonstrate the company's commitment to urgent climate action and the vital role the electricity sector will play in the clean energy transition.

[From left to right] Edison International Principal Manager, Corporate Affairs Lisa Woon; Edison International Senior Vice President (SVP), Strategy, Corporate Development and Sustainability Drew Murphy; Edison International President and CEO Pedro Pizarro; Edison International and SCE SVP, Corporate Affairs Caroline Choi; and Edison Energy[1] Vice President, Strategy and Sustainability Emily Williams at COP27.

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Strategic Investments & Innovation

SCE expects to invest approximately $6 billion annually in our electric power grid, driven by investments in 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 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, we are also investing in and deploying new technologies to further reduce the threat of wildfires associated with or impacting our system.

SCE is a key sponsor of the Low-Carbon Resources Initiative (LCRI), an industrywide initiative led by the Electric Power Research Institute and 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.

Beyond SCE's investments, Edison International makes targeted strategic investments in, and develops collaborations with, early-stage companies focused on innovative clean energy technologies and services supporting our strategy. Among other things, we were an early investor in Proterra, manufacturer of electric buses; AMPLY Power, a provider of a fully managed charging-as-a-service model; and ViriCiti, a provider of monitoring solutions for electric fleets. More recent investments include WeaveGrid, which optimizes residential EV charging; 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.

Carbon Footprint

Our GHG emissions inventory covers Edison International, SCE and Edison Energy.[1] We account for GHG emissions using The Climate Registry's (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 Edison Energy's emissions are de minimis compared to SCE's emissions.[2]

[1] Edison Energy is not the same company as Southern California Edison, the utility, and Edison Energy is not regulated by the California Public Utilities Commission.
[2] Edison Energy's emissions do not yet reflect Alfa Energy, which Edison Energy acquired in October 2022. These emissions are also expected to be de minimis.

2022 Estimated GHG Emissions

Scope 1 emissions represent an estimated 13% of our enterprisewide footprint. In 2022, 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 increased by an estimated 67% from 2021. This was predominantly driven by increased run time at Mountainview. High demand in the summer months and reduced energy imports in the winter months led to Mountainview being called upon (i.e., economically dispatched) by the California Independent System Operator (CAISO) more frequently as a highly efficient and cost-effective power source.

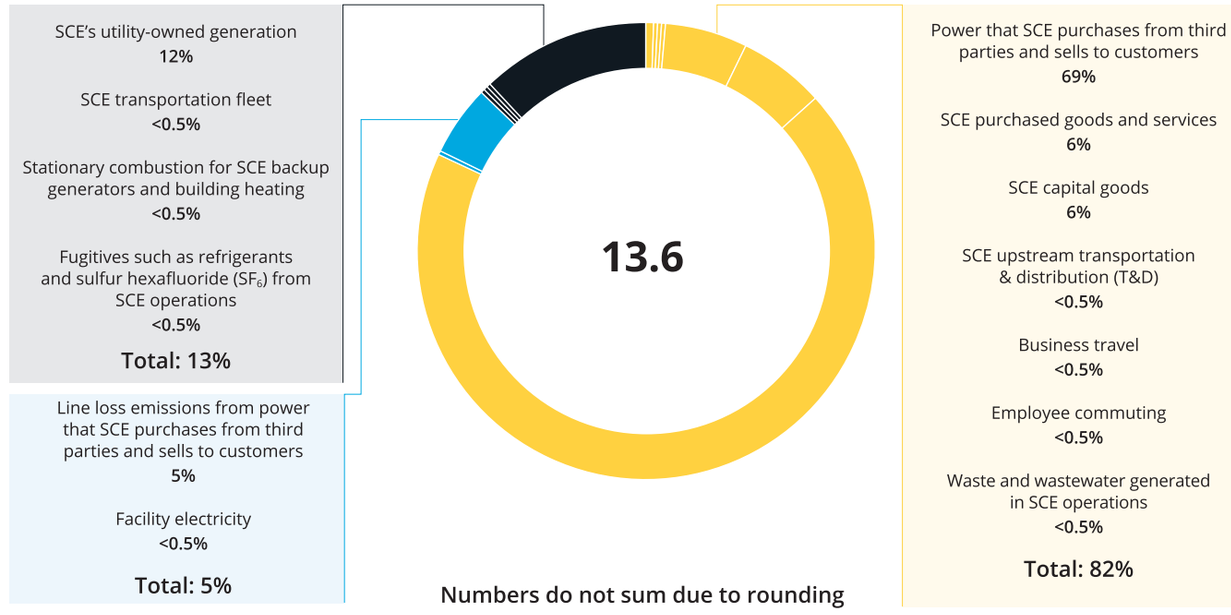
Scope 2 emissions represent an estimated 5% of our footprint. Scope 2 emissions have decreased compared to 2021 by 11%. This is due to normal operational variability associated with SCE's purchased power mix.

Scope 3 emissions comprise the majority of our footprint, an estimated 82%. In 2022, our Scope 3 emissions decreased by 3% compared to 2021. The reduction 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 *Pathway 2045* is realized.

Emissions Year-over-Year Comparison (Million Metric Tons CO_2e)

	2020	2021[1]	2022[2]
Scope 1	1.4	1.0	1.7
Scope 2	0.8	0.8	0.7
Scope 3	11.9	11.5	11.2
Total	**14.2**	**13.3**	**13.6**

Total Estimated Emissions 2022[2,3,4]
($MMTCO_2e$)



We also track a broader set of ESG metrics through our Sustainability Scorecard.

[1] Scope 1, 2, and 3 emissions for 2021 have been updated to reflect final purchased power data from SCE's 2021 Power Source Disclosure Program (PSDP) filing, which was finalized and submitted after the preparation of the 2021 Sustainability Report, as well as use of other refined data inputs in the inventory. The only material change to note is the Scope 3 reported value was changed from 11.6 MMT CO_2e to 11.5 MMT CO_2e.

[2] Emissions calculations for 2022 are estimated and include as an input an estimate of SCE's 2022 delivered power mix using the methodology prescribed by the California Energy Commission's (CEC) PSDP as of April 7, 2023. SCE's final PSDP report will be filed with the CEC on June 1, 2023, and may include updates to the inputs used in these calculations. The proportion of line loss compared to delivered power in 2022 has also been estimated using 2021 as a proxy. Within Scope 3 for the 2022 data year, the methodology underlying the calculation of SCE's supply chain emissions was also further refined compared to prior years, and emissions from waste and wastewater within SCE's operations was also added for the first time.

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

[4] 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. Scope 3 emissions inventory continues to evolve. See Note 2. Emissions from Alfa Energy Ltd., which was acquired by Edison Energy[5] in October 2022, have not yet been incorporated into the inventory, though are expected to be de minimis.

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

2022 Estimated Power Mix for SCE Customers

In 2022, 45% of the power SCE delivered to customers is estimated to have come from carbon-free sources, including renewables portfolio standard (RPS)-eligible resources such as wind and solar, along with other carbon-free sources such as large hydroelectric and nuclear power. SCE's estimated delivered power mix emitted approximately 48% fewer GHG emissions per unit of electricity compared to the latest available U.S. national average.[1]

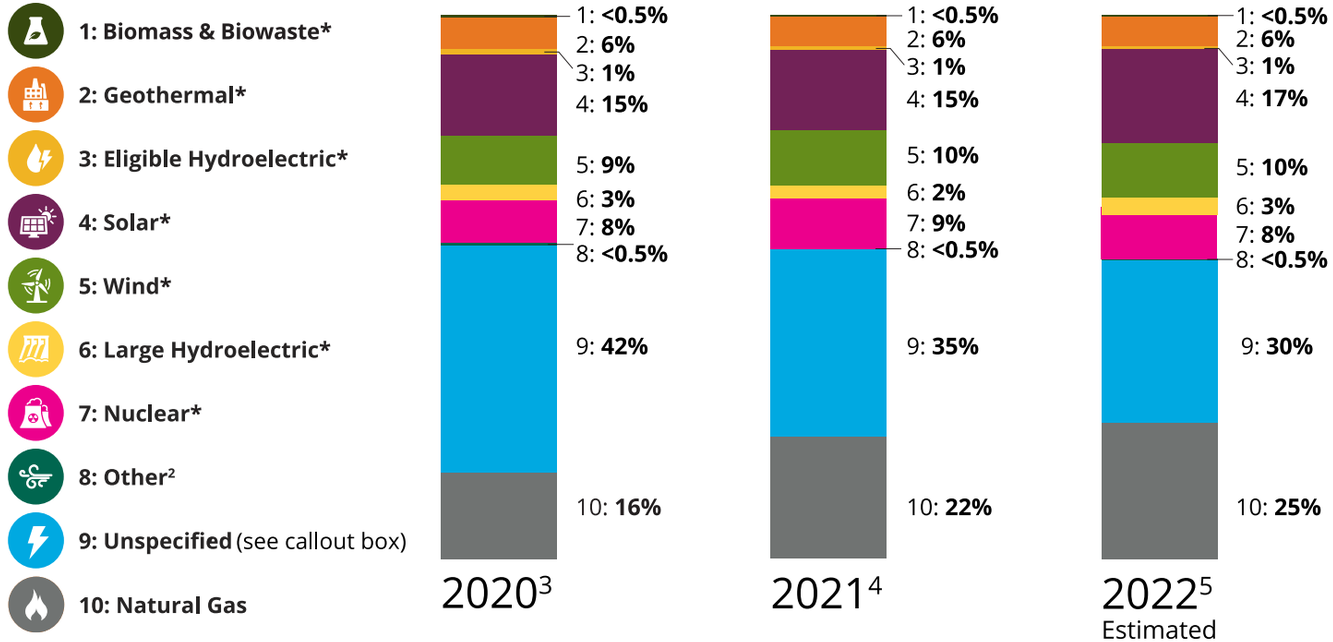
In 2022, the proportion of carbon-free power in SCE's delivered power mix increased by 2% versus 2021.

SCE's GHG Emissions Intensity for Delivered Power

GHG Intensity
(Metric Tons CO_2e/MWh)

SCE's Delivered Power Mix

Includes both owned generation and power procured from third parties. (Numbers do not sum due to rounding)



Unspecified power refers to electricity that is not traceable to a specific generating facility, such as electricity traded through open-market transactions administered by the 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. This energy is considered RPS-eligible for RPS compliance purposes, however. **See Delivered Power Mix & GHG Emissions: Additional Information.**

* Carbon-free

[1] U.S. national average available through the EPA Emissions and Generation Resource Integrated Database for data year 2021 is 857 lbs. CO_2e/MWh or 0.39 MT CO_2e/MWh.

[2] "Other" consists of diesel and liquefied petroleum gas from SCE-owned Pebbly Beach Generating Station on Catalina Island.

[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 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 power mix and emissions metrics have not been updated, however, and a year-over-year comparison is not feasible.

[4] 2021 delivered power mix data reflects final data from SCE's PSDP filing in June 2022 and has been updated from the estimate shown in the 2021 Sustainability Report. Update includes natural gas updated from 25% to 22% and unspecified power updated from 32% to 35%.

[5] This is an estimate of SCE's 2022 delivered power mix using the methodology prescribed by the CEC's PSDP as of April 7, 2023. SCE's final PSDP report will be filed with the CEC on June 1, 2023, and may include data that differs from the estimate shown here to reflect subsequent changes or clarifications to PSDP's methodology and reporting template.

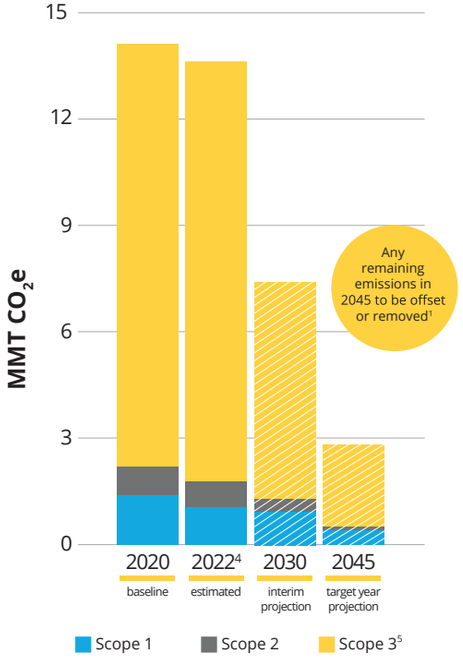
Path to Net Zero

Edison International is committed to achieving net-zero GHG emissions across Scopes 1, 2 and 3 by 2045.[1] GHG emissions stemming from the power SCE sells to customers comprise the majority (81% excluding line losses) of Edison International's enterprisewide emissions inventory. Thus, a major component of our plan to achieve net-zero GHG emissions by 2045 is to deliver 100% carbon-free power to SCE customers by 2045. This goal is a statutory requirement in California and is supported by interim compliance requirements, including delivering 60% RPS-eligible power by 2030, as well as 90% carbon-free power by 2035 and 95% by 2040. SCE's compliance with these mandates is overseen by the CPUC. SCE is also investing heavily in energy storage and the grid-related capabilities needed to deliver high levels of intermittent renewable resources. We believe we can meet this carbon-free power target using existing technology coupled with further commercialization of today's demonstrated technologies.

SCE's 100% carbon-free power target and California's statutory requirement are both on a "retail sales" basis, which excludes, from an accounting perspective, power generation lost via T&D. This leaves a small amount of headroom for natural gas to serve as back-up power during high-heat, peak-load days or in case of emergency by 2045. This could come from SCE-owned natural gas resources (Scope 1) and/or power purchased from third-party generators (Scope 3). All electricity generators in California that emit over 25,000 $MTCO_2e$ annually are covered under the state's cap-and-trade program, including SCE's Mountainview combined cycle plant. All other electricity generators are also included in California's statewide GHG emissions inventory. Thus, any remaining emissions from natural gas power plants in 2045 will need to be offset or removed to meet the state's economywide net-zero GHG emissions goal. Edison International is collaborating with peer utilities through the LCRI to advance potential solutions. Two recent California state laws were also adopted, which establish a framework for carbon, capture, utilization and storage of CO_2 and support natural carbon sequestration.

We anticipate that the approximately 19% of emissions remaining across our enterprise will decline substantially over the next two decades as California and other jurisdictions enact policies to meet economywide climate goals. Policies already enacted in California support electrification and decarbonization of our transportation fleet and facilities and the phase-out of SF_6, 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 its own voluntary targets to electrify its transportation fleet and is exploring ways to engage its supply chain in decarbonization efforts.

2030 and 2045 Emissions Projections[1,2,3]



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 SCE's *Pathway 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] The 2022 emissions inventory is an estimate. It also includes as an input "retail sales," which was calculated using a different methodology in 2022 compared to baseline year 2020. Please see footnotes on p. 14 for more details.

[5] Edison International's Scope 3 emissions reporting continues to evolve. In 2020 and 2022 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. The 2022 emissions inventory also includes further refinements to the underlying methodology used to calculate SCE's supply chain emissions, as well as emissions from waste and wastewater from SCE's operations. Other Scope 3 emissions categories may be relevant to Edison International and this commitment that are not included here. The emissions inventory also does not yet incorporate Alfa Energy Ltd, which Edison Energy[6] acquired in October 2022; though emissions are expected to be de minimis.

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

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 have become undeniable.

With a focus on high-risk areas and taking into account vulnerable communities, SCE uses qualitative 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 our system to the threat of climate change-driven wildfires.

Medium- & Long-Term Assessment

In May 2022, SCE published a climate adaptation vulnerability assessment (CAVA), which evaluates 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 — 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. We also engaged with the community to inform the assessment, with a particular focus on our stakeholders in disadvantaged vulnerable communities.[1]

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; 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. 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 2025–2028 General Rate Case, filed in May 2023. Longer term, SCE aims to incorporate climate projections into future operational investment plans.

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. The continued drought emergency and heightened temperatures in 2022 made conditions vulnerable to wildfire; however, only approximately 364,000 acres burned in California, which is about 85% fewer acres than were burned in 2021. Despite the reduction in acres burned by wildfire in 2022, we continue to harden the grid in preparation for a sustained threat year over year.

SCE continues to harden the electric grid to ensure safety, grid resiliency and system readiness for these growing climate change impacts. We met or exceeded nearly all of our wildfire mitigation goals in 2022. SCE estimates that as of year-end 2022 our wildfire mitigation efforts have reduced the probability of losses from catastrophic wildfire linked to SCE equipment by 75% to 80% since 2018. Moreover, the public safety power shutoff (PSPS) contribution to total risk reduction declined from 21% to 15% between June 2022 and year-end, reflecting SCE's decreased dependency on PSPS as a mitigation measure.

Building Wildfire Resiliency

As part of SCE's efforts to strengthen and rebuild the grid to make it more resilient to wildfires, we began using helicopters and the human external cargo method to install fire-resistant power lines and new poles in remote, difficult-to-access areas prone to wildfires. In 2022, SCE installed about 1,400 circuit miles of covered conductor, bringing the total completed to nearly 4,400 circuit miles that cover about 46% of our overhead distribution lines in high fire risk areas (HFRA).

Wildfire Mitigation Program Impact

71%
fewer faults that could lead to ignitions on fully covered circuits using covered conductor[2, 3]

53%
fewer tree-caused faults using expanded vegetation management[4]

61%
lower defect find rate using high fire risk inspection program[5]

98%
fewer structures destroyed in 2021–2202 compared to 2017–2018[6]

For more details on our approach, see Climate Adaptation: Additional Details About SCE'S Wildfire Mitigation Plan

[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.

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

[3] Measured by faults that covered conductor is expected to mitigate per 100 circuit miles on fully covered circuits as compared to bare circuits from 2018–2022 in HFRA.

[4] Measured by average monthly tree-caused circuit interruptions in HFRA in 2022 as compared to the average from 2017–2019.

[5] Structures inspected annually have a lower defect find rate for conditions that could result in fires in 2022 as compared to 2019.

[6] Measured as structures damaged or destroyed in wildfires greater than 1,000 acres associated with SCE's infrastructure during 2015–2020, using red flag warning days as a proxy for PSPS conditions. Please note, however, that a red flag warning, alone, would not necessarily result in a decision to implement a PSPS.

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 ensure that such a transition is 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, training, programs and services to ESJ communities, both at SCE and through Edison Energy's[1] client engagements. Given SCE's wires-focused business model and Edison Energy's focus on supporting customers in meeting their climate goals, we anticipate that the clean energy transition will continue to support opportunities for our workforce. 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. For more information, see Leading with Diversity, Equity & Inclusion.

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. In 2022, SCE's major programmatic accomplishments included investments in ESJ communities through SCE's Charge Ready Light Duty program, with a target to install 50% of total charge ports in state-defined disadvantaged communities (DACs).2 By year-end 2022, 47% of charge ports had been installed in DACs. Similarly, SCE's proposed building electrification application dedicates about one-third of heat pump and 40% of electrical infrastructure program incentives to support DACs or income-qualified customers.

Supported by a strong commitment at the CPUC to include ESJ communities in its decision-making processes, we have strengthened our ability in recent years 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).

Edison Energy advises clients to consider clean energy projects and programs that directly impact local communities where they are based. Edison Energy 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.

Finding Climate Change Solutions for Underserved Populations

The California Resilience Challenge (CRC) is an Edison International-sponsored grant program that aims to help underserved communities become better prepared for the impacts of climate change. The Santa Barbara Regional Climate Collaborative leveraged CRC grant funding to support the design and planning of two "resilience hubs" in underserved areas. These hubs will be equipped with redundant power, heating/cooling systems, water and other vital resources to support the needs of affected populations during emergencies.

See Community Investments to learn more about Edison International's philanthropic focus on underserved communities.

Find more information in our 2022 Supplier Diversity Annual Report and 2023 Plan.

[1] Edison Energy is not the same company as Southern California Edison, the utility, and Edison Energy is not regulated by the California Public Utilities Commission.
[2] "Disadvantaged communities" is a term used by the state of California to refer to areas throughout the state that most suffer from a combination of economic, health and environmental burdens.

STRATEGIC FOCUS AREAS

Clean Energy

Edison International is a national leader in clean energy, with SCE focused on delivering 100% carbon-free power to customers by 2045 and Edison Energy[1] supporting organizations globally in meeting their climate change goals through renewable energy contracts and electrification strategies. See 2022 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 later, thereby reducing dependence on natural gas-fueled power plants.

Edison Energy partners with large international organizations, including 26 of the Fortune 100, to help them reduce their carbon footprints and reach their own sustainability goals. Edison Energy has advised on more than 10,400 MW of renewable energy power purchase agreements (PPAs), including 1,459 MW of deals in 2022.

SCE's Energy Storage Portfolio

With over 5,000 MW of energy storage installed or contracted as of 2022, SCE has one of the largest energy-storage portfolios in the nation. As part of this portfolio, SCE is currently constructing approximately 535 MW of utility-owned storage at three strategically located substations.

SCE's energy storage portfolio includes a considerable portion of co-located battery energy storage projects, wherein storage is added to existing or new solar resources. They 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. Co-located battery energy storage projects also have the potential to lower procurement costs and timelines because they use existing interconnection facilities and equipment.

Edison Energy Advising European Companies on Sourcing Renewables

Edison Energy's European subsidiary, Altenex Energy, advises 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 sustainability 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 to cut 10% of GHG emissions from its operations by 2025 and to reduce GHG emissions in its global supply chains by 30% per ton of product by 2030.

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

In Riverside County, California, the McCoy facility, which is contracted with SCE, is one example of a co-located battery energy storage project where lithium-ion battery technology is paired with solar generation to capture energy during the day and discharge it to the grid at night.

Electrification

Significant electrification of transportation and buildings powered by carbon-free energy is the most feasible and affordable way to achieve California's decarbonization goals. As California's only investor-owned electric utility without a natural gas distribution business, SCE is uniquely positioned to advance electrification initiatives.

SCE's approach is centered on accelerating 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 Grid Modernization), with a particular focus on expanding access to electric technologies in ESJ communities (see Environmental and 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 Thought Leadership).

Charge Ready Goes to Hollywood

Universal Studios Hollywood announced that it is working with SCE's Charge Ready Transport program to convert its fleet of 21 trams from diesel-hydraulic engines to electric motors. The conversion will help reduce carbon emissions and improve the guest experience by reducing noise and pollution associated with the diesel-hydraulic engine.

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 25% of vehicles will need to be electric by 2030 and 75% by 2045 to achieve California's climate goals. Edison Energy[1] supports clients' transportation electrification strategies and planning to help companies transform their corporate fleet operations and infrastructure in favor of EVs.

Light-Duty Vehicles

In 2022, SCE continued the second phase of Charge Ready Light Duty. Through this program, SCE installs and maintains the 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. The $436 million program will add approximately 30,000 charge ports in SCE's service area over the next several years and support nearly one-third of the charging stations SCE projects will be needed to meet California's climate goals. This projection misses our near-term goal of achieving 41,000 customer commitments to install light-duty charge ports, due to lower-than-expected multifamily housing construction starts than initially planned. We are looking for opportunities to repurpose the dollars to other port-creation opportunities and help close the gap. (See Sustainability Goals for more details on this progress.)

In 2022, 277 light-duty charge ports were installed at 27 sites through SCE's Charge Ready Light Duty program, bringing the cumulative total to 3,034 charge ports installed at 174 sites. In alignment with the program's goal to expand access to electric technologies, 47% have been installed in state-designated disadvantaged communities.

Helping Commercial Customers Set Up EV Charging Infrastructure

SCE's Transportation Electrification Advisory Services helps multifamily property owners and commercial and fleet customers plan for and install EV charging infrastructure through one-on-one consultations with a transportation electrification specialist.

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

Medium- & Heavy-Duty Vehicles

SCE continued to install EV-charging infrastructure for medium- and heavy-duty vehicles through its $356 million Charge Ready Transport program, launched in 2019. In 2022, SCE completed construction at 15 additional sites, which will support 584 new medium- and heavy-duty EVs, for a cumulative total of 895 vehicles supported at 42 sites since the program's inception.

Overall, the Charge Ready Transport investment will support nearly 8,500 medium- and heavy-duty vehicles across 870 sites. While we expect to support the number of vehicles set in our near-term sustainability goal, the number of sites misses our near-term target of 870. Since GHG emissions reductions are driven by vehicle conversions and not sites, however, the benefits will continue to be maximized with the available program budget.

Electrifying the Port of Long Beach

In 2022, SCE partnered with the Port of Long Beach on its third Charge Ready Transport project. This project supported the electrification of 33 yard tractors, with charging stations that utilize a robotic arm to safely automate and initiate charging sessions.

SCE's Transportation Fleet Electrification

In addition to helping customers adopt EVs, SCE is electrifying its own fleet of approximately 4,500 on-road vehicles. This involves 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 2022, we were on track to meet our fleet electrification goals (see Sustainability Goals for more information).

Learning How to Successfully Commercialize Electric Big Rigs

From 2019 to 2022, SCE participated in an initiative known as the Volvo LIGHTS project to test the use of electric freight trucks in a real-world setting. The project, which involved the deployment of 30 Volvo VNR electric trucks to 11 fleet operators, including SCE, within the South Coast Quality Air Basin, aimed to develop programs and best practices for the commercialization of electric big rigs. It produced a Lessons Learned Guidebook documenting key findings, including insights on project management, routes, emissions-reduction benefits and costs.

Building Electrification

In *Pathway 2045*, SCE identified the building sector as critical to meeting California's GHG emissions reduction targets. A preliminary update of that analysis to reflect new laws and regulations enacted since 2019 indicates the state needs to electrify nine out of 10 buildings by 2045.

SCE has proposed to invest $677 million in clean energy homes — installing roughly 250,000 electric heat pumps and providing 65,000 households with electrical service panel and circuit upgrades across our service area.[1]

[1] Final decision on this proposal is anticipated in Q4 2023.

SCE's Electric Buildings

We also implement our building electrification strategy within the company. SCE has a robust building electrification portfolio, with more than 99% of SCE buildings by count, and 79% of our total building square footage, using electricity as the primary fuel source. For near-term construction projects, we replace gas equipment with electric solutions based on the project scope or the equipment's end-of-useful life.

SCE Helps Connect Homes to Microgrid

In 2022, real estate developer KB Home, in partnership with solar energy provider Sun Power, opened its first microgrid-connected community in Menifee, California, which is in SCE's service area. The community includes over 200 state-of-the-art, all-electric homes equipped with energy-efficient technology and design. Each home will be connected to a microgrid supported by a large, shared community battery and can operate during a power outage by drawing energy from its own battery and the larger community battery. SCE supports microgrids as an important form of community resiliency and is a key project team member.

Grid Modernization

SCE is building the grid of the future to deliver 100% carbon-free power in terms of retail sales to customers by 2045. In doing so, we aim to integrate distributed energy resources (DERs) and other new technologies and services, while safely delivering reliable, affordable and resilient energy.

SCE's systematic approach to *Reimagining the Grid* 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 grid planning capabilities beyond solving primarily for systemwide-only objectives to also solve for multiple objectives based on specific and localized needs.

Digitization is at the forefront of grid technology. SCE is investing in the next generation of grid management, communication systems and automation that enhance the grid flexibility needed to support higher amounts of electrification and DERs, while improving reliability.

As SCE and other electric utilities introduce digital tools, the grid faces increasing risks from malicious actors searching for pathways to attack via these new technologies. SCE studies new and existing infrastructure and continues to advance our defenses as the threat landscape evolves.

See Change to "Cyber & Physical Security and Grid Modernization for more details on our approach.

Customer Solutions

Edison International is committed to providing superior service and a high-quality experience to SCE and Edison Energy[1] 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.

Edison Energy Insights

Edison Energy invests in leading technology to better serve clients across renewable energy, supply procurement and energy efficiency. Its "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.

For more details about SCE's customer programs, see Part II.

Clean Energy Optimization Pilot

SCE's four-year, $20 million Clean Energy Optimization Pilot, the first comprehensive pay-for-performance GHG emissions pilot in California, provides university campuses incentives to reduce GHG emissions. Since the beginning of the pilot in 2019, six of the seven participating campuses reduced emissions by more than 145,000 metric tons, receiving a combined total of more than $12.8 million in incentives. The Clean Energy Optimization Pilot was placed on hold in 2020 due to the impacts of COVID-19 on university campus facilities. SCE worked with stakeholders to modify the pilot to account for these changes in university campus operations. The second year of the pilot commenced in October 2021 and concluded in September 2022. Year 2 results were better than those of Year 1, with campuses reducing GHG emissions by 5.5%, or over 87,000 metric tons. Year 3 is currently underway and will conclude in September 2023.

Through SCE's Clean Energy Optimization Pilot, California State University, Dominguez Hills reduced GHG emissions by 17.5% in the first year of the pilot. Key projects completed at the campus include upgrading gas absorption chillers to electric chillers in the central plant, upgrading lighting to LEDs with controls and upgrading HVAC systems to more efficient equipment, which resulted in an incentive payment of around $1.5 million.

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PART I

LEADING WITH DIVERSITY, EQUITY & INCLUSION

To transform the electric power industry toward a clean energy future, Edison International is unlocking the power of our people — developing the best and most diverse talent, and providing them with an equitable, healthy workplace that enables everyone to thrive.

We believe that diversity, equity and inclusion (DEI) are foundational for our success. We understand 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 because they are valued for their perspectives and unique differences. Building on momentum from commitments and progress in recent years, we continue to measure impact and refine key programs to further integrate DEI within our company culture and business objectives — recognizing this requires investment and commitment at all levels. Our 2022 Diversity, Equity & Inclusion report dives deep into our progress and achievements this year.

Visit our 2022 Diversity, Equity & Inclusion Report for data and details on our approach.

Highlights of the report include:

DEI Governance & Approach: The Board reviews the company's DEI program semiannually and monitors our commitments, metrics and trends related to workforce representation, pay equity, advancement opportunities and employee sentiment. Prior to the release of our annual DEI report, the Board provides guidance to management and subsequently reviews actions taken, feedback received from shareholders and other stakeholders and progress on the company's initiatives to enhance transparency and accountability.

Edison International's chief human resources officer, who reports to the president and CEO, leads the company's strategic approach to DEI, and a full-time DEI director at SCE manages day-to-day efforts to achieve integration of DEI into business goals. Accountability for DEI is maintained through corporate goals and ownership by Organizational Unit (OU) leaders. The work is informed by SCE operating unit-level culture teams and the cross-departmental Culture Congress, Edison Energy's[1] DEI Task Force, business resource group (BRG) listening sessions that measure employee experience and all employee surveys that measure employee sentiment.

Culture Movement: Between 2021 and 2022, we developed and implemented DEI Action plans for each Edison International and SCE OU to increase accountability for DEI across the company and to align and integrate DEI into OU business goals. Plans were developed based on areas of opportunity gleaned through surveys and listening sessions and focus on communication and collaboration, employee development, recognition, psychological safety and recruitment/representation.

Our diverse talent strategies focus on increasing inclusion, career advancement and leadership opportunities. Our annual performance and development process is the foundation for our approach and begins with all full-time, nonrepresented employees and their managers collaborating on business and development goals to foster professional and personal advancement. In 2022, we also continued our Talent Accelerator development program, an 18-month program that matches high-potential leaders with officer-level champions. We expanded the program to a broader community of underrepresented talent and welcomed our second cohort.

Partnerships: Edison International collaborates with a range of internal and external partners. Internally, our BRGs work to align DEI with business goals through awareness, education and communication. Externally, our partnerships include suppliers and community organizations. In 2022, SCE exceeded its goal to achieve 33% of total annual procurement with diverse suppliers, spending $2.4 billion, or 35.4%, of its total annual procurement spend.

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At Edison International, more than 80% of our shareholder-funded, philanthropic contributions went to organizations and initiatives focused on diverse and underserved communities in 2022. Our Lineworker Scholarship program welcomed a second cohort comprised of 12 scholars, including our first female scholar. This 2022 cohort maintained our focus on attracting Black candidates, an underrepresented group in the profession in comparison to the population in our service area, while the 2023 cohort will be expanded to additional groups.

As part of the Edison Scholars program, Edison International also awarded 30 high school seniors each with a $40,000 academic scholarship to pursue their passions in science, technology, engineering and mathematics (STEM) subjects. We are increasing this amount to $50,000 in 2023.

Workforce Representation: We are dedicated to creating a diverse workplace — and harnessing that diversity to drive our business forward. We track demographic data, incorporate principles of equity into our hiring and compensation process and establish partnerships to increase representation.

We take a data-driven approach to DEI, centered on transparency around metrics related to representation, pay equity and feelings of inclusion across our company. We strive to increase diverse representation at all levels of our workforce. One way we do this is by closely monitoring the demographic makeup of our workforce by age, race, ethnicity and gender. We also provide employees the opportunity to self-identify as a veteran, an individual with a disability and/or a member of the LGBTQ+ community through periodic Self-ID surveys. By gathering this valuable information, we're able to understand our workforce better in order to make meaningful changes that help create a truly inclusive and empowering workplace for all.

Commitments: In 2016, we set a goal to achieve gender parity in executive roles by 2030. By joining forces with the Paradigm for Parity® coalition, we've made tremendous progress. In just six years, the representation of women in executive positions has increased from 27% to 37%. In December 2021, our Edison International Managing Committee achieved gender parity, which was maintained through 2022. In April 2022, the Edison International Board of Directors achieved gender parity among its independent directors.

Edison International signed the Obama Administration's White House Equal Pay Pledge in 2016 and #EqualPayCA in 2021 to underscore our commitment to pay equity and reducing the national pay gap. We continue to conduct a pay equity review every year and led a Women's Roundtable BRG session in 2022 that provided transparency into how our pay structure works.

For more details about Edison's Human Capital Management, see Part II.

PART I

OPERATING WITH EXCELLENCE

As macroeconomic circumstances challenged the world in 2022 and significant heat, rain and snow affected California, SCE supported our customers, employees and other stakeholders through our focus on safely providing reliable, affordable and clean power.

SAFETY

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

Public Safety

SCE's approach to public safety begins with approximately $6 billion annual planned investment in a safe and reliable grid. 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 (Reliability: Additional Details), SCE leverages advanced analytics, such as artificial intelligence and machine learning, to alert field crews of potential downed wires and to shut off power at the site, thereby reducing the public safety risk. The company also prepares actively 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 public safety messaging through various channels and works to continuously improve the impact of targeted messaging. The highest-priority messaging continues to be what actions to take and avoid when encountering electrical safety hazards. We are mindful of the diverse communities we serve, translating those materials into Spanish, Chinese, Korean, Vietnamese and more. On a monthly basis, we are monitoring the outcomes of this outreach through the Customer Attitude Tracking Survey, administered by a third-party consultant. We are continuously evolving our messaging to match the changing ways in which our communities consume information.

See Public Safety: Additional Details for more information.

Edison International and SCE have an annual goal of no serious injuries to the public due to system failures. In 2022, we did not achieve this goal, due to a public injury from downed power wire.

See more details about SCE's approach to Employee & Contractor Safety.

Employee & Contractor Safety

SCE uses data to evaluate and implement company safety programs and drive the cultural efforts that enhance them. In addition to safety culture and job-specific safety training programs, employees are given tools, work practices and safety culture concepts to help them identify and mitigate risks.

Safety Performance

In 2022, Edison International had zero employee fatalities for the sixth straight year. However, an SCE employee tragically passed while on the job in January 2023. Our serious injury and fatality (SIF) rate for employees increased by 43% compared to 2021 and 10% compared to the previous three-year average. We work to learn from this loss to avoid any fatal events from happening again. Edison International remains focused on driving SIF elimination by advancing programs that proactively identify and mitigate safety risks and by methodically learning from incidents.

Edison International's days away, restricted or transferred (DART) rate increased by 13% in 2022 compared to 2021 and 13% compared to the previous three-year average. Injuries resulting in DART categories were up 7% among field workers compared to 2021 and 8% compared to the previous three-year average. Sprain and strain injuries continued to make up a large portion of the DART injuries. SCE has expanded its plan to target injuries among field employees that result in the most DART categories and is focused on leadership accountability, coaching, mentorship and work observations.

SCE was also saddened that a contractor worker incurred fatal injuries in 2022 due to a vehicle-related incident. We have been working to eliminate SIF and reduce overall injuries among our contractor workers by continuing to lead training to help contractors identify causes of injuries and to improve the safety culture among their leaders.

Enhancing Early Warnings for Earthquakes

SCE has installed more than 50 seismic sensors at its facilities as part of the Southern California Seismic Network. The sensors contribute to providing data for earthquake apps such as MyShake, which allows customers to receive early warning alerts. The sensors also help SCE to determine the extent of potential damage to its infrastructure and plan post-quake inspections of equipment and facilities. SCE has conducted large-scale earthquake exercises to enhance mutual aid coordination efforts and prepare for a catastrophic seismic event.

Safety Performance[1]

	2020	2021	2022
Employee OSHA Recordable Rate	1.77	1.91	1.97
Employee DART Rate	0.89	1.03	1.16
Employee SIF Rate	0.122	0.061	0.087
Employee Fatalities	0	0	0
Tier 1 Contractor OSHA Rate[2]	0.65	0.57	0.43
Tier 1 Contractor DART Rate[2]	0.45	0.36	0.25
Contractor Fatalities[2]	3	1	1

Safety Culture Assessment

Our safety culture is grounded in safety ownership with the expectation that all employees consistently protect themselves and others. This is especially true for our leaders, who have clear roles and responsibilities to improve their teams' safety performance. We have been focused on improving leader safety ownership, particularly in our field organizations, which experience the majority of our SIF.

We continue to use safety data to identify areas of opportunity and are implementing targeted actions to arrest negative trends and improve our use of leading indicators. For example, in 2022 we used safety performance and culture insights to identify four field locations that would benefit most from deep-dive interventions. Targeted leadership development efforts resulted in an 82% increase in the number of quality safety observations and recognitions from these locations.

Edison International and SCE also conduct comprehensive safety culture assessments every three years and track our progress as part of our Sustainability Goals. The 2023 assessment is in progress. While we are focused on reaching Phase 4 "I Choose To For Us" by 2026, we are always seeking continuous improvement.

Edison International and SCE's Safety Culture Transformation Roadmap

[1] Excludes Alfa Energy Ltd, a company acquired by Edison Energy[3] in October 2022.
[2] Excludes contractors managed by the decommissioning contractor engaged by SCE to undertake a significant scope of decommissioning activities at SONGS.
[3] Edison Energy is not the same company as Southern California Edison, the utility, and Edison Energy is not regulated by the California Public Utilities Commission.

RELIABILITY

Similar to the last several years, SCE's reliability performance was impacted by wildfire mitigation efforts aimed at reducing the risk of wildfire. These efforts in part required additional repair outages to address emergent conditions due to findings from areas such as inspections.

In 2022, SCE's reliability performance improved compared to 2021 for duration-related reliability metrics (SAIDI and CAIDI) and was on par compared to 2021 for frequency-related reliability metrics (SAIFI). The improvements to duration-related metrics were tempered by wildfire mitigation efforts, however, including efforts to further enhance circuit protection and operations to minimize the probability of ignition during high risk fire weather. We understand that outages are frustrating and inconvenient for our customers. As SCE continues to advance its grid hardening efforts, we anticipate that these operating constraints will be relieved.

In late summer 2022, California endured an unprecedented heat wave. The CAISO called for Flex Alerts over 10 straight days, with the grid in emergency conditions for nine of them. This event put additional stress on the grid, particularly during the periods of highest energy use from 4:00pm–9:00pm. Throughout the period, SCE provided tips for energy efficiency and conservation during peak times through proactive customer communications. We also encouraged residential and commercial customers to reduce energy use through our demand response (DR) programs.

We were able to avoid rotating outages during this time — battery storage played a role in maintaining grid reliability, along with 1,000+ MW of demand response program peak load reduction by SCE customers.

In 2022, SCE continued to experience inflationary cost pressures and longer lead times due to raw 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 and labor.

SCE-Tesla Partnership Helps Reduce Grid Stress

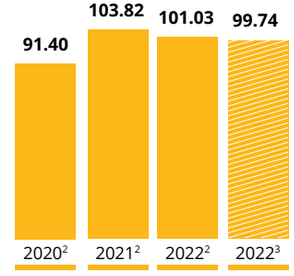
In 2022, SCE partnered with Tesla on an initiative that allows customers with Tesla Powerwall systems to participate in a new DR program. During specified events, customers can dispatch excess energy stored in their Powerwall batteries (which make up a virtual power plant) back onto the grid and earn $2 per kilowatt-hour for helping to reduce stress on the grid. The program is expected to enroll 3,000 customers and facilitate an overall energy reduction of 10 MW–15 MW, enough to power about 11,250 homes.

For more details about SCE's approach to tracking reliability performance, see Reliability: Additional Details.

Reliability Performance

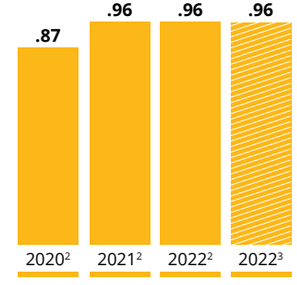
System Average Interruption Duration Index (SAIDI)[1]

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



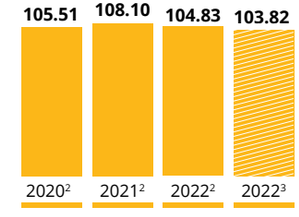
System Average Interruption Frequency Index (SAIFI)[4]

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



Customer Average Interruption Duration Index (CAIDI)[5]

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 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 for our customers, especially those who are economically vulnerable. To achieve our ambitious long-term goals, we are committed to operational excellence. For more than a decade, we have proactively pursued cost-reduction efforts to manage affordability for our customers.

In 2022, SCE continued to maintain the lowest system average rate among California's large investor-owned utilities, with rate increases over the last 20 years comparable to Los Angeles-area inflation rates.

We continued to focus on providing bill relief and other forms of assistance to customers financially affected by COVID-19, including SCE's Pandemic Debt Relief Program, which automatically enrolled residential customers with balances 60 or more days past due into 24-month payment arrangements, so they could pay off their balances over time.

See Affordability: Additional Details for more details on income-qualified customer programs.

In 2022, the CPUC approved a 6.7% rate increase for SCE customers, or about $9.90 per month for a typical residential (non-income qualified) customer. The rate increase was driven by important SCE investments in two urgent priorities: protecting our energy grid from threats from extreme weather and strengthening the grid to make it more reliable, more resilient and more carbon-free. In May 2023, SCE submitted its General Rate Case for years 2025 through 2028 to continue the important work to strengthen reliability, resilience and readiness to meet rapidly growing customer needs. SCE actively communicates to customers about rate increases and ways they can enroll in programs or change usage to reduce bills.

In addition to electric bills, many of our customers also pay for natural gas and gasoline, both of which contribute to total energy bills. Our *Pathway 2045* analysis shows that our customers will pay less over the long term as they switch to electric vehicles and home appliances. While a customer's electricity use may increase over time, *Pathway 2045* shows that their total energy bill will decrease from reduced reliance on natural gas-powered appliances and gasoline-powered vehicles. 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.

Operational Excellence Catalyst

Customer affordability has long been a priority for SCE, and we continue searching for opportunities to enhance safety, quality and affordability. In 2022, we built on the Operational Excellence Catalyst program we launched in late 2021. We are implementing a portfolio of around 600 employee-driven ideas across the company with themes around work planning, procurement, training and new technology. These initiatives have positive impacts on the performance areas of affordability, quality, safety, customer experience and reliability.

CYBER & PHYSICAL SECURITY

Edison International partners across the electric power sector and federal, state and local agencies to defend SCE's network of T&D and generation infrastructure against physical and cyberattacks. Edison International also takes seriously our responsibility to protect the personal information of our employees and customers.

Cybersecurity

SCE maintains robust cyber infrastructure and governance controls. A team of highly skilled analysts monitors the grid's high-risk areas to identify and defend against cyberthreats.

Our cybersecurity measures also include the responsible management of personal data. SCE provides data protection education at all levels of the organization and employs data loss prevention controls to protect personal information from data breaches. Edison International's privacy policies and practices are designed to ensure individuals' information is used in accordance with applicable laws, including the California Privacy Rights Act and the California Consumer Privacy Act. SCE transparently shares with applicable individuals the personal information it collects and how that information is used. Find out more about how SCE is committed to protecting personal information.

Physical Security

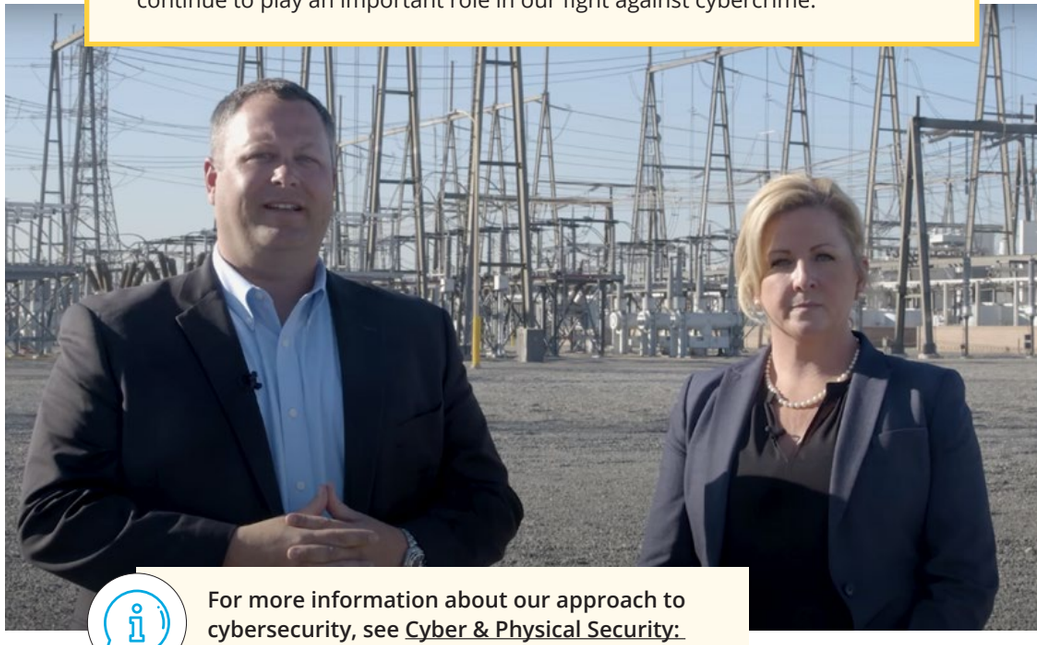
Our approach to physical security is grounded in a multilayered strategy called "defense in depth." Our approach combines physical and cybersecurity awareness education, security countermeasures and close coordination among industry and government partners at all levels to prepare, respond and recover in the event of an incident that impacts the grid.

SCE maintains situational awareness of our assets and secures our sites against trespassing, vandalism and theft. We collaborate with local law enforcement to investigate and prosecute crimes against our facilities to deter future incidents. Only authorized personnel can access facilities and critical areas by using electronically encoded identification badges.

SCE tests our response to cyber and physical threats using preparedness drills of our Incident Response Plans, tabletops of our insider risk program and participation in nationwide electric utility exercises such as GridEx, CyberGuard and others.

SCE Teams Up with FBI to Fight Cybercrime

SCE has partnered with the Federal Bureau of Investigation to create a public service announcement video campaign to highlight our joint efforts to fight the growing threat of cyberattacks on the electric grid. Appearing in the video are Brian Barrios, SCE VP and Chief Information Security Officer, and Kristi Johnson, former assistant director in charge of the FBI's Los Angeles Field Office. SCE believes collaboration with our government partners, particularly supporting the kind of research and development that would make it easier to safeguard the electric grid, has and will continue to play an important role in our fight against cybercrime.



For more information about our approach to cybersecurity, see Cyber & Physical Security: Additional Details.

ENVIRONMENTAL STEWARDSHIP

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

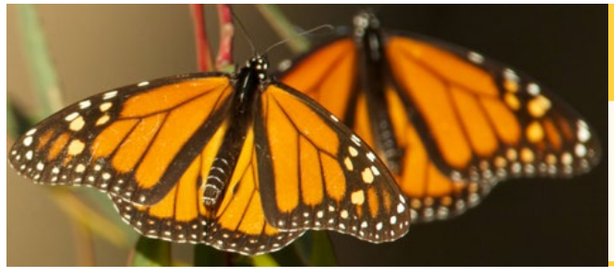
In 2022, SCE continued its initiative to strengthen alignment with the ISO 14001 Environmental Management System (EMS) Standard.[1] SCE assigned a dedicated team and separate governance structure to oversee the effort, with the intent to:

- Enhance our environmental management to further support sustainable business practices and corporate strategic objectives
- Build, implement and sustain an ISO 14001-aligned EMS
- Integrate digital solutions
- Evolve SCE's culture to enhance environmental stewardship

Environmental Compliance Training

In 2022, SCE completed a comprehensive review of our existing environmental compliance training and developed a new, enhanced training program, aligned with our commitment to protecting the environment and Environmental Policy responsibilities. The new training program is being rolled out as required training to all Edison International and SCE employees in 2023 and shares the importance of each employee's role in protecting the environment, such as preventing environmental noncompliance events, mitigating environmental risks and driving environmental performance.

For more information about SCE's Environmental Stewardship initiatives, see Environment.



Protecting the Monarch Butterfly

The monarch butterfly, the most recognized and widespread butterfly in North America, is a candidate species for federal protection. SCE has facilities within and adjacent to monarch overwintering sites along the coast and implements seasonal restrictions and other measures to avoid and minimize impacts to monarchs and the monarch groves.

[1] While SCE is working to enhance its alignment with the ISO 14001 standard, SCE does not currently intend to seek formal ISO certification from a third-party certification body.

PART II: ADDITIONAL DETAILS

To manage vegetation in mountainous communities in Fresno County, SCE deployed goats to reduce fuel loads and risk of wildfires near transmission lines.

SUSTAINABILITY

Material Environmental, Social & Governance (ESG) Topics

Edison International's updated 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 as inputs 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.

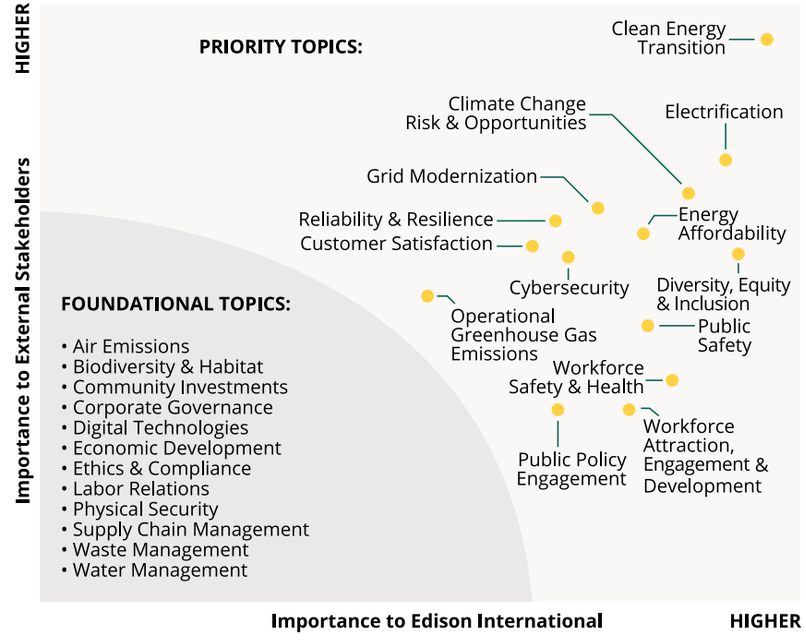
The resulting matrix comparing internal and external stakeholder prioritization of the material ESG topics shows clustering in two groups:

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 (SEC), and these topics should not be construed as being characterized as financially material. For more details see About this Report.

United Nations Sustainable Development Goals (U.N. SDGs)

In 2015, the U.N. launched the SDGs to focus global efforts in 17 key areas to end poverty, protect the planet and help people enjoy peace and prosperity 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 core to our strategy 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. Board committees comprised entirely of independent directors have responsibility for risk and operational oversight of the specific ESG-related issues (see table).

Edison International's senior vice president of Strategy, Corporate Development and Sustainability, who reports to the president and CEO, 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. Edison Energy[1] is also an important part of the enterprisewide program and provides input into the effort.

Board Oversight of ESG Issues

Board of Directors
• 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
• 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 on company culture • Capital budgets and spending	• 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**
• Incentive compensation goals related to wildfires and safety, clean energy, electrification, energy storage, DEI and other ESG issues • Talent, development and diversity of senior leadership	• Safety culture, operational goals and risks • Employee, contractor and public safety • Electric system reliability and affordability • Cyber and physical security • Wildfires • Climate adaptation

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

2022 Performance Incentives

The Board's Compensation and Executive Personnel Committee approves annual performance incentive awards based on Edison International's 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 committee has 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
Foundational Safety and Compliance Goals	These goals are deduct-only: no points are given for achieving the goals, but if the goals aren't met then annual incentive amounts are subject to reduction or elimination, depending on severity				
Total Target Weighting of Other Safety and Resiliency Goals	10%	30%	45%	50%	50% for Edison International 55% for SCE

Learn more about Edison International's annual incentive program, including corporate goals and performance and awards to named executive officers, in Edison International's 2023 Proxy Statement (pp. 39–40).

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

2022 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	**No deduction**	**Foundational Goals** Includes goals related to safety, compliance and system operations	**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 performance 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 performance goal)**

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 Edison Energy[1] 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.

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

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, Transportation Electrification Partnership
Smart Electric Power Association	Veloz	
The Climate Registry		
Zero Emission Transportation Association		

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

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 actively engages with a number of independent groups.

Examples of SCE's Customer & Community Engagement

Stakeholder Group	Examples of Forums	Examples of 2022 Engagement
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	• 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
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	• Business Advisory Panel • Small Business Advisory Panel • California Large Energy Consumers Association[1] • California Manufacturers & Technology Association[1] • Local chambers of commerce and business organizations[1] • Executive Customer Briefings • Power Briefings	SCE engaged on key issues such as transportation and building electrification, wildfire mitigation and preparedness, rates, Tariff Rule 29, demand response (DR) and resiliency planning, as well as receiving input on developing new programs and customer experiences
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 57 local government and tribal leaders, to help foster an open dialogue between SCE and local government entities	• SCE Government Advisory Panel • League of California Cities[1] • California State Association of Counties • Rural County Representatives of California • California Special Districts Association • California Association of Councils of Government • Institute for Local Government • CivicWell (formerly Local Government Commission)[1] • Municipal Management Association of Southern CA and numerous local government associations[1]	SCE engaged on key issues such as transportation and building electrification, wildfire mitigation and preparedness, and resiliency planning
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 SCE's stakeholders	• Clean Energy Access Working Group (CEAWG) • Climate Resilience Leadership Group (CRLG) • Transportation Electrification Program Advisory Council • SONGS Community Engagement Panel (CEP) • Keystone Group[1] related to economic development	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 70% of our shares, and were successful in meeting with holders of approximately 47% of our shares. Several shareholders respectfully declined our request, noting they had no issues of concern to address. Topics discussed during these engagements included:

- Board composition, skills, leadership and evaluation process
- Executive compensation goals, incentives and metrics
- ESG goals, reporting and disclosure
- Progress on our clean energy strategy and wildfire risk mitigation
- DEI commitments and reporting
- Political activity policies, reporting and oversight

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

We encourage employees 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 (ICMA) 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 (T&D) infrastructure for the interconnection and delivery of renewable generation using our grid, our electric vehicle (EV) charging infrastructure programs and grid modernization and resiliency investments.

In June 2022, we published our first Sustainable Financing Report in line with the commitments detailed in the Framework. The report details the four series of bonds we have issued under the Framework to date, totaling $2.5 billion. We have currently allocated up to 74.6% of the proceeds across renewable energy, clean transportation, energy efficiency and carbon reduction, climate change adaptation, and socioeconomic advancement and empowerment projects.

Additionally, in February 2022 SCE Recovery Funding LLC, a special purpose entity wholly owned by SCE, issued Senior Secured Recovery Bonds, Series 2022-A, which enabled SCE to refinance a portion of wildfire risk mitigation capital expenditures. This Sustainable Financing Report highlights the full allocation of $533 million of Series 2022-A Recovery Bonds and metrics associated with their wildfire risk mitigation impact. While the Series 2022-A Recovery Bonds are not issued under the Framework, as the lookback period extended beyond the conditions of the Framework, the bonds were issued as Green Bonds, and 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.

CLIMATE CHANGE

Climate Change Mitigation: Additional Details

California State Goals

The California Air Resources Board (CARB) updates its climate change scoping plan at regular intervals to outline the state's strategy for meeting economywide climate goals. The 2022 Scoping Plan was approved by CARB on December 15, 2022. The 2022 Scoping Plan includes a target for Building Electrification, including 3 million all-electric and electric-ready homes by 2030 and 7 million by 2035, as well as contributing to 6 million heat pumps installed statewide by 2030. These reflect SCE's strong advocacy for a quantifiable heat pump goal.

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-emission by 2035 and 100% of medium- and heavy-duty trucks by 2045. SCE continues to support CARB's efforts to accelerate zero-emission vehicles through the Advanced Clean Fleet regulation, a public process to increase the stringency and scope of a low carbon fuel standard, and other avenues.

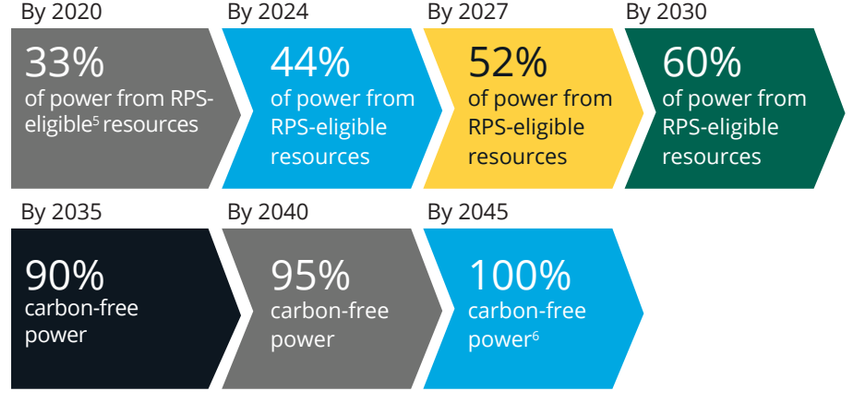
CARB also maintains the state's greenhouse gas (GHG) emissions inventory, covering seven of the nine Kyoto Protocol GHGs[3] and all anthropogenic emissions in California, plus imported electricity.[4] All of Edison International's California-based emissions, plus electricity that SCE imports, are included within the inventory. The inventory is consistent with the United Nations Intergovernmental Panel on Climate Change practices, which enables comparison with other national or international inventories.

See Accelerating the Clean Energy Transition to Address Climate Change for more information about Edison International's climate change strategy and performance.

SCE's analysis indicates that California needs to achieve 80% carbon-free electricity by 2030 along with emissions reductions in other sectors through electrification to affordably meet the state's GHG emissions-reduction targets. SCE has been 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 enact complementary policies that reduce emissions from transportation and buildings through electrification. In 2022, the California Public Utilities Commission (CPUC) adopted a decision based on an integrated resource planning (IRP) process created by Senate Bill 350 (2015) to ensure that the electric sector meets California's GHG emissions-reduction goals. The approved IRP decision adopts electric sector planning targets of 38 MMT of GHG emissions by 2030 and 35 MMT by 2032, which equates to 73% RPS resources and 86% GHG-free resources by 2032. California's 2022 Scoping Plan also underscores this approach.

We believe this approach should get the state closer to the level of 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 are currently updating SCE's *Pathway 2045* analysis, published in 2019, to reflect current assumptions and state policies and expect to publish our findings in late 2023.

California law requires SCE to meet the following retail sales milestones for the power it delivers to customers:



In 2022

45% of power estimated to have come from carbon-free sources, including Renewables Portfolio Standard (RPS)-eligible resources

[1] https://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill_id=202120220AB1279.

[2] https://ww2.arb.ca.gov/news/carb-approves-unprecedented-climate-action-plan-shift-worlds-4th-largest-economy-fossil-fuels.

[3] The inventory includes estimates for carbon dioxide (CO_2), methane (CH_4), nitrous oxide (N_2O), and fluorinated gases with high global warming potentials, which includes hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), sulfur hexafluoride (SF_6) and nitrogen trifluoride (NF_3).

[4] Current California GHG Emission Inventory Data, CARB (https://ww2.arb.ca.gov/ghg-inventory-data).

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

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

Delivered Power Mix & GHG Emissions: Additional Information

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 load-serving entities (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), CEC and CPUC play a role in keeping the lights on statewide and ensuring the state meets its clean energy and climate goals:

- The CAISO, which controls the grid that covers most of California, is responsible for balancing the grid (i.e., matching available power supply with customer demand in real time and ensuring power is flowing on a daily basis).
- The CPUC is responsible for medium- and long-term planning, putting policies and requirements in place to ensure LSEs, including SCE, 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.

These entities have different responsibilities, and we all work closely to meet our collective goal to provide reliable, affordable and clean power to customers in a safe manner.

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 open-market transactions and cannot be tied to a generation facility. Over the past decade, SCE shut down SONGS, our nuclear plant, (see SONGS Decommissioning) and also 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 enabling us to meet our climate goals. Unspecified energy resources in our power mix stemming from these open-market transactions have increased from 15% to 30% 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 (WECC) 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. While it is not possible to know exactly what percentage of the power is generated within California, it is likely that the majority of the power is from in-state sources. Electrons are "lost" when they travel over long distances. A plant producing power in Montana, for example, will not be able to deliver as much of its output to SCE's service area as a plant in California, due to transmission losses.

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

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 ensure 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.

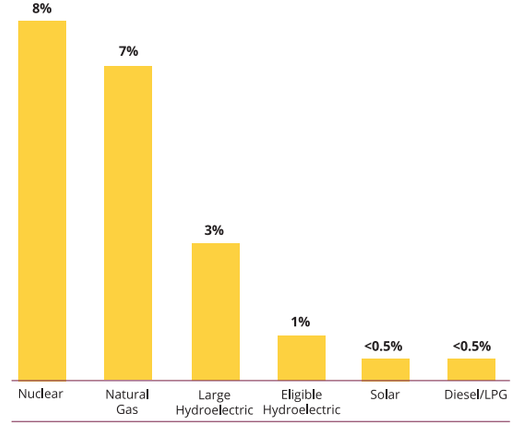
Owned Generation & Storage Assets

SCE is wires-focused, with less than 20% of electricity sales coming from its 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 1,104 MW efficient natural gas combined cycle resource. 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. In addition, SCE is upgrading the steam turbine control software and installing the turbine warming system to improve their efficiency and environmental performance.

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's Estimated Owned Generation Mix as a Percent of Delivered Power in 2022[1]
In 2022, approximately 19% of power delivered to SCE's customers is estimated to have come from SCE's utility-owned generation.



Climate Adaptation: Additional Details About SCE's Wildfire Mitigation Plan

SCE submits its annual Wildfire Mitigation Plan (WMP) to the Office of Energy Infrastructure Safety. The WMP outlines SCE's mitigation strategies and activities to reduce wildfire risk. SCE met or exceeded nearly all its mitigation program targets set as part of its three-year 2020–2022 WMP and associated annual updates, and filed its 2023–2025 WMP in early 2023.

In 2022, SCE continued to execute on our WMP. Below is a summary of SCE's 2022 accomplishments:

- **Hardened Infrastructure:** SCE installed approximately 1,400 circuit miles of covered conductor, installed or replaced approximately 370 fast-acting fuses, installed 15 sectionalizing devices and completed approximately 15 circuit miles of undergrounding.
- **Vegetation Management:** SCE maintained the required or recommended distance between trees and power lines, remediated approximately 5,400 trees that can fall into lines, removed approximately 9,000 dead or dying trees and inspected approximately 170,000 poles (clearing vegetation, where accessible and required) in high fire risk areas (HFRAs).
- **HFRA Inspections:** SCE completed about 160,00 distribution equipment inspections and 17,200 transmission equipment inspections.
- **Situational Awareness:** SCE installed approximately 160 additional weather stations in 2022, bringing the total to more than 1,600 weather stations. These weather stations provide granular weather data from machine-learning models, which may improve wind forecasts at the weather station point location. This will help to precisely target public safety power shutoff (PSPS) de-energization events to reduce the number of customers affected. In 2022, SCE also installed 16 more high-definition wildfire cameras, bringing the total to more than 180 and providing visibility to about 90% of the HFRA in SCE's service area. SCE installed additional high-performance computing clusters and piloted machine learning algorithms at SCE's weather station locations to improve weather modeling accuracy. See Part I: Climate Change Adaptation for information about our use of machine learning technology for weather stations.
- **Risk Modeling:** Working with the modeling firm Risk Management Solutions, SCE estimates that as of year-end 2022, our wildfire mitigation efforts have reduced the probability of losses from catastrophic wildfire linked to SCE equipment by 75% to 80% since 2018, which shows improvement from a June 2022 estimate of 65% to 70% as of year-end 2021. Moreover, the PSPS contribution to total risk reduction declined from 21% to 15% between June 2022 and year-end, reflecting SCE's decreased dependency on PSPS as a mitigation measure.

[1] This is an estimate of SCE's owned generation mix as a proportion of delivered power in 2022. The estimate is based on the methodology prescribed by the CEC's Power Source Disclosure Program (PSDP) as of April 7, 2023. SCE's final PSDP report will be filed with the CEC on June 1, 2023, and may include data that differs from the estimate shown here to reflect subsequent changes or clarifications to PSDP's methodology and reporting template.

SCE has also volunteered to lead a deep-dive project for the International Wildfire Risk Mitigation Consortium, a forum of utilities worldwide seeking to mitigate the global threat of wildfires. The project will study vegetation management and hazard tree best practices, aiming to identify additional methodologies or technologies to determine which trees pose a risk of sparking a wildfire and should be removed. Vegetation management, including tree removal, is a costly but necessary measure for utilities to minimize the risk of wildfires, which can be sparked by trees too close to power lines, especially in areas prone to strong winds or dry conditions.

We've continued to enhance our wildfire defenses through such actions as:

- Implementing machine-learning technology to measure moisture levels in remote forested areas, predict the threat of wildfires in HFRA and alert fire agencies if possible ignition is detected
- Strengthening partnerships with state agencies, academia and peer utilities to jointly combat the global wildfire threat and support the state's heightened wildfire suppression and prevention efforts
- Signing on as an anchoring member of ERPI's three-year initiative, Climate READi™, to create a framework for physical climate risk assessment that is expected to provide one of the most comprehensive and integrated approaches of its kind
- Serving as a key funder and technical lead to Cal Poly San Luis Obispo's Wildland-Urban Interface Fire Information, Research and Education Institute, which explores holistic solutions to mitigate the consequences of wildland urban interface fires
- Continuing partnerships with local fire agencies in SCE's service area by funding a quick reaction force of aerial firefighting resources, including the world's largest helitankers, to bolster firefighting capabilities and reach fires in their early stages

Public Safety Power Shutoffs

Another major element of SCE's public safety approach is to mitigate risks that our equipment contributes to sparking or propagating wildfires, which are now more prevalent, due to a number of climate change-driven factors. SCE preemptively de-energizes circuits, or portions of circuits, that are experiencing extreme weather conditions or fire risks through PSPS. These necessary de-energizations are a tool of last resort to mitigate wildfire risk during extreme fire risk conditions. SCE knows PSPS can cause hardship to customers. We are focused on reducing the duration and frequency of de-energization events in a risk-informed manner to provide more customer resiliency. In 2022, SCE had the smallest footprint of PSPS events since 2018, with fewer than 16,000 customers impacted by PSPS, contributed to by SCE's mitigation efforts and favorable weather.

When using PSPS, SCE conducts community outreach to help customers and public safety partners prepare. We also maintain an interactive map of outages, including PSPS events, on our website and have made enhancements on our notification system alerting 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.

Environmental & Social Justice (ESJ): Additional Details

SCE launched the CRLG in 2021 to inform our Climate Adaptation Vulnerability Assessment (CAVA). 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 members to determine how we can help them meaningfully build climate adaptation capacity so that past CRLG collaboration is successfully transitioned to helping ensure these groups continue to focus on what climate adaptation awareness, preparation and action means for their communities. Related capacity-building work includes supporting climate adaptation grant writing assistance through Climate Resolve's Grant-Writing Assistance Program with Edison International, serving as a key sponsor to the California Resilience Challenge.

In 2022, SCE also continued to collaborate with CEAWG members to review clean energy-related policies, programs and projects targeting ESJ communities. CEAWG members provided feedback on SCE proposals, especially our Building Electrification regulatory application. SCE also began working with CEAWG on a revamp process that was completed in January 2023 in order to lay out the group's strategic trajectory for 2023–2025.

In 2022, SCE made approximately $270 million available in customer incentives for installation of solar through the Solar on Multifamily Affordable Housing (SOMAH) Program and the Disadvantaged Communities-Single-family Solar Homes (DAC-SASH) Program.

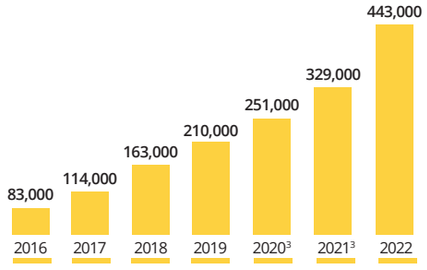
Strategic Focus Areas: Additional Details

Electrification

SCE, on behalf of the CARB and other California electric utilities, administers the California Clean Fuel Reward (CCFR) program, a statewide program that offers an electric vehicle (EV) rebate[1] at the time of purchase or lease. The CCFR is the largest point-of-sale EV incentive program in the country by volume.

We have continued to see growth in EV registrations in SCE's service area, with a 35% increase year over year between 2021 and 2022. 114,000 of the nearly 1 million EVs sold in the U.S. through 2022 were in SCE's service area. This acceleration is critical, both to our statewide GHG trajectory and to Edison International as a provider of the electricity and infrastructure needed to support the transportation electrification transition.

Growth of EVs in SCE's Service Area[2]



SCE, on behalf of the CPUC, is the contracting agent for Technology and Equipment for Clean Heating (TECH) Initiative, a $120 million statewide initiative to accelerate the adoption of clean space and water heating technology across California homes. SCE was also selected as contracting agent for the Self-Generation Incentive Program Heat Pump Water Heater program, an $85 million statewide program, expected to launch in 2023, that will offer incentives for heat pump water heaters and electrical panel upgrades for residential households and businesses.

Similarly, on behalf of the CEC, SCE is the fiscal agent for the Building Initiative for Low-Emissions Development (BUILD) Program, an $80 million statewide residential building decarbonization program that 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.

Grid Modernization

To optimize grid planning decisions, SCE is preparing the grid for the different demands presented by different regions. Effective grid planning requires SCE to strengthen its 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. It 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.

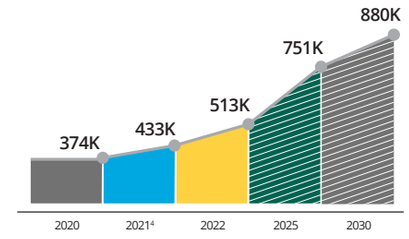
Customer Solutions

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, thereby lowering infrastructure costs and increasing overall system efficiency.

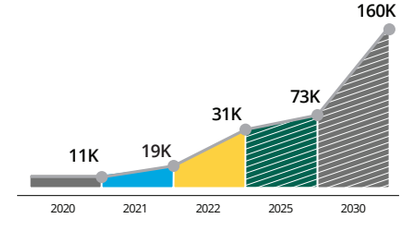
In 2022, SCE interconnected approximately 80,000 behind-the-meter, solar-only installations, including enhancements of, or expansions to, existing systems. The use of behind-the-meter energy storage paired with solar continued to grow in 2022, increasing 50% from approximately 8,000 DERs added in 2021 to approximately 12,000 added in 2022. By year-end 2022, approximately 92,000 SCE customers had connected solar or paired energy storage systems to the grid.

Growth (Past and Projected) of Select Behind-the-Meter DERs in SCE's Service Area
Net Energy Metering (NEM) — Cumulative Installs

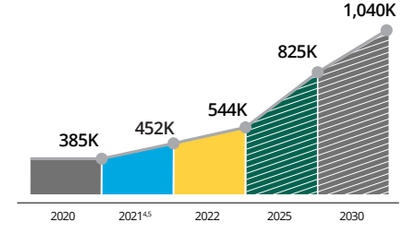
Solar Photovoltaic — Solar Only



Solar and Energy Storage Paired Systems



Total NEM



[1] Actual rebate amount is determined by battery size of the EV.
[2] Approximate number of registered plug-in hybrid and battery EVs in SCE's service area. Data is as of December 2022 and represents annual light-duty vehicle sales based on third-party registration data sourced from the Electric Power Research Institute.
[3] Historical estimates revised from 257K to 251K and 322K to 329K for 2020 and 2021, respectively, to reflect updated plug-in hybrid EVs (PHEVs) and hybrid EVs (HEVs) provided by EPRI.
[4] "Solar Photovoltaic — Solar Only" installs for data year 2021 has been updated from 446K to 433K to reflect revisions made after the publication of the 2021 Sustainability Report.
[5] "Total NEM" for data year 2021 has been updated from 465K to 452K to reflect revisions made after the publication of the 2021 Sustainability Report.

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 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 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. These changes will help meet California's climate goals and increase reliability, while promoting affordability across all income levels.

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 Offers for additional generation to support the increased interest in the program. Until new Green Rate resources are contracted, otherwise ordered or authorized by the Commission, SCE will continue to maintain a waitlist from customers interested in participating in the Green Rate Program. As capacity becomes available, SCE will enroll customers on a first-come, first-served basis. 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 in recent years. At the end of 2022, approximately 2.6 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 resiliency to extreme weather and provide clean energy to the grid when it needs it. Approximately 1,700 residents who live in SCE's service area can now sign up to receive incentives to send energy from solar panels stored in a home battery back to the grid when the battery storage system receives a signal that electricity is needed.

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 2022, SCE offered more than 100 energy-efficiency programs that saved nearly 1,500 gigawatt hours of energy. This translated into the elimination of approximately 375,000 tons of GHG emissions and saved customers an estimated $35 million on their bills.

SCE also offers 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 2022, more than 1,000 MW of resources were made available for reduction through SCE's DR programs.

Clean Energy Partners

There are many stakeholders involved in the planning and procurement of energy to serve customer needs. Local governments may choose to enter their communities into a 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 is committed to partnering 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.

ENVIRONMENT

SCE is a long-standing steward of the environment and considers it our responsibility to minimize our footprint by ensuring we are operating in compliance with all applicable laws and regulations and taking steps to continuously improve our environmental performance. SCE promotes the efficient use of natural resources, including energy and water, and has programs in place to reduce emissions and disposal of waste to landfills. SCE employees work to be stewards of the land, promote biodiversity and preserve cultural resources through programs that reduce impacts on wildlife, natural habitats and cultural and tribal resources. Additionally, SCE engages tribal communities and consults stakeholders on significant environmental matters to ensure a diverse perspective in its environmental processes.

Environmental Management System (EMS)

We continue to make progress by modeling our EMS after the International Organization for Standardization (ISO) 14001 EMS Standard (see Environmental Stewardship[1]) to ensure we have the foundational elements in place to effectively manage our environmental compliance requirements, evaluate and mitigate the risks our operations pose to the environment, monitor the effectiveness of our processes and take meaningful steps to improve our operations. The EMS supports achieving environmental program objectives, as well as ensuring compliance obligations are met for our construction and mitigation projects, field maintenance and facility operations. SCE continually evaluates our EMS to ensure alignment with industry best practices and to identify opportunities for improvement.

EMS Governance

SCE's EMS outlines roles and responsibilities for environmental stewardship, beginning with the Environmental Services Department Director, who serves as the company's environmental compliance program leader. To support our progress toward aligning with ISO 14001, we have an officer-level executive sponsor team dedicated to overseeing environmental compliance performance and EMS improvements. EMS executive sponsors include executives from Law, Ethics & Compliance, Risk Management and Operations who are focused on ensuring the EMS is effectively implemented and adequately resourced.

SCE also has an Environmental Leadership Council, which is a cross-functional, executive-level team responsible for evaluating implementation strategies and providing guidance to ensure consistent support throughout our operations.

Environmental department subject matter experts support the analysis of regulatory requirements and work with environmental project managers and operations stakeholders to develop strategies and processes for ensuring that operations are conducted in compliance and potential impacts to the environment are minimized. The Environmental department also deploys field resources where needed to support work activities in environmentally sensitive areas to protect those sensitive resources.

EMS Monitoring & Measurement

As part of our EMS, SCE monitors conformance with environmental requirements through inspections and data analysis. We share monitoring results at executive leadership forums, the Environmental Leadership Council, and with appropriate operations departments and their contractors. In 2022, we established an Environmental Key Performance Measure (KPM) to target implementation of environmental controls for field work activities. With the support of operational stakeholders, the KPM exceeded the stretch target in 2022. SCE manages records per internal policy and shares compliance performance through regulatory filings, compliance reports and this report (see Sustainability Scorecard).

SCE implements a contractor environmental program to ensure alignment with SCE's commitment to environmental compliance and stewardship. The program includes performance metrics, which have increased contractor accountability and improved contractor environmental performance. In 2022, we also produced the second edition of our Environmental Handbook for Contractors and hosted a livestream with over 200 contractors and SCE employees to showcase the handbook, review updates and trends and highlight success stories.

SCE's Environmental Services Department facilitates environmental permitting across the company. This includes managing nearly 1,500 environmental permits and submitting more than 300 reports sent to regulatory agencies annually. SCE also reviews construction and maintenance projects to assess the potential for environmental impacts. In 2022, SCE conducted environmental reviews of more than 28,000 transmission, distribution and generation infrastructure projects, and more than 300,000 vegetation management projects, to identify and avoid or minimize impacts to sensitive habitats, archaeological sites and other protected resources.

[1] Edison International's 2021 Sustainability Report noted 479 agency inspections in 2021. This did not reflect Fire, Life, Safety agency inspections, however, and the number has since been updated to 503.

Regulatory Inspections

SCE undergoes regular environmental inspections from federal, state and local regulatory agencies. In 2022, we hosted 565 regulatory agency inspections, which represents a 12% increase compared to 2021 and is primarily due to regulatory agencies returning to pre-pandemic inspection schedules. Of these inspections, less than 2% identified compliance conditions requiring corrective action. SCE evaluates findings from agency inspections to determine the effectiveness of EMS compliance controls and to identify opportunities for control improvements.

EMS and Compliance & Awareness Training

SCE's EMS includes a broad compliance-based training and environmental awareness program, which included more than 21,000 employee training course enrollments in 2022. In 2022, SCE completed a comprehensive review of existing training and developed an enhanced environmental training program to further our commitment to protecting the environment and align with our environmental policy responsibilities. Our training program consists of computer-based learning modules, instructor-led courses and role- or region-specific courses that are developed, deployed, tracked and reported by our learning management system. Training covers environmental operational disciplines such as hazardous material handling and waste management as well as functional work activity technical training for employees, among dozens of other compliance program requirements relevant to environmental compliance and stewardship. In 2023, SCE improved its Environmental Awareness training course for all employees, reinforcing the importance of environmental stewardship and highlighting each employee's role in protecting the environment through mitigating environmental risks and ensuring environmental compliance in operations.

Air Quality & GHG Management

SCE is a long-standing partner of the state of California, customers and communities to improve air quality. Air pollution is a significant environmental challenge affecting public health across SCE's communities, particularly disadvantaged communities.

SCE implements 11 air quality programs covering Title V, Stationary Source, SF_6, Climate Change & Sustainability, Area Source, Asbestos, Refrigerant & Halon, Portable Equipment, Low Carbon Fuel Standard (LCFS), Rideshare and Mobile Source, to ensure compliance with federal, state and local air quality regulations, and support voluntary initiatives. These programs exceed mandatory compliance obligations in key areas, including those related to criteria air pollutant quantification and benchmarking, LCFS reporting on SCE's employee EV charging program and reduction of mobile source pollution through electrification of SCE's transportation fleet (see Electrification).

To further our GHG management efforts, we have also begun using renewable diesel (R99) at 12% of our service centers, with plans to expand to all service centers in 2023.

Sulfur Hexafluoride

SF_6 is a GHG used in SCE's distribution and substation gas-insulated equipment. CARB regulation requires the gradual phaseout of SF_6 due to its high global warming potential.

Following the development of a comprehensive SF_6 phaseout roadmap in 2021, SCE teams continued to work on the technical and administrative specifics surrounding the acquisition of non-SF_6 equipment. In 2022, SCE installed 12 new, non SF_6-emitting, vacuum 72.5 kV circuit breakers at substations as part of a pilot testing the technology prior to mass adoption. On the distribution side, we are preparing to pilot gas switches that use alternative gas (NOVEC 4710) in late 2023, and we continue to work with suppliers to develop non-SF_6 alternatives for all SF_6 gas applications across our operations.

To reduce emissions in the interim, SCE has implemented a comprehensive leak mitigation plan across substation operations, where a majority of the SF_6 gas is used.

Water Management & Conservation

Water scarcity is a concern in California, and climate change exacerbates the stress on water resources in the state. Seventy-five percent of California's rain and snow falls in watersheds north of Sacramento, yet 80% of the state's water demands and use fall in the southern two-thirds of the state. Water resources are stretched. Over the past two years, California has invested $8 billion in efforts to preserve, recycle and desalinate water in order to meet the demands of a changing climate. In 2022, Governor Gavin Newsom unveiled a statewide plan to continue these efforts by investing in new water sources, speeding up existing projects and utilizing cutting-edge technology to improve water management in the state.

Operating in a drought-prone environment means SCE's water management practices are a top priority. SCE implements seven programs to protect water quality and conserve water. These programs cover construction projects, facility stormwater, drinking water, industrial wastewater, spill response, well management and wetlands protection. Program managers oversee water quality programs, collaborating with departments to embed water-reduction measures and targets into facility operations, construction activities and permits.

Additionally, SCE maintains an internal standard in general accordance with California's Sustainable Groundwater Management Act, which provides a framework to manage groundwater. We also manage surface water diversions for hydroelectric power separately under the Federal Energy Regulatory Commission (FERC) structure.

SCE promotes sustainable water use in three categories:

- Strategically managing water in power generation facilities
- Capturing stormwater runoff
- Reducing water consumption at SCE offices, facilities and construction projects

SCE monitors water consumption of our generation assets. In 2022, our water consumed for generation was 1.039 billion gallons, the majority of which occurred at our Mountainview Generating Station. Nearly all (98.8%) of the water Mountainview consumed was from nonpotable sources, including recycled water from the city and groundwater withdrawal from a local contaminated aquifer. Further, 85% of the water discharged from Mountainview was recovered and reused in the plant. SCE's peaker plants (see Owned Generation and Storage Assets) represent the remainder of SCE's water consumption from generation facilities. Two of SCE's five peaker plants operated with a hybrid-battery system, which saves water.

SCE also owns hydroelectric plants that produce electricity from water stored in reservoirs or from runoff water from melting snow in the San Gabriel and Sierra mountains. Once the water passes through the hydroelectric plants, where it drives turbine generators, it is returned to lakes, reservoirs or streams to be made available for other purposes.

Beyond our generation assets, SCE seeks to improve on-site water quality and water reuse at our facilities. At several of SCE's facilities, we implement best management practice (BMP) features, such as infiltration basins, pervious pavement and biofiltration swales, which are designed to capture stormwater and minimize potential pollutants from stormwater runoff.

Through Geographic Information System mapping, we digitally capture the amount of water being infiltrated and recharge our groundwater through implementation of Stormwater BMP. At our substation in Monterey Park, California — Mesa Substation — a vegetated biofiltration swale captures stormwater runoff and filters out potential pollutants. At Safari Substation in Irvine, California, approximately 5,000 square feet of pervious asphalt pavement allows stormwater to pass through voids in the pavement surface and into the underlying subsurface, allowing for infiltration. Benefits include the filtering of pollutants from runoff and infiltration into the groundwater table.

SCE seeks to replace grass with drought-tolerant landscaping at our facilities and to improve our irrigation systems to reduce water use. Smart irrigation controllers were installed at five sites in 2019, three sites in 2020, 57 sites in 2021 and 100 sites in 2022. Smart irrigation controllers can save 20% to 30% of water usage (as compared to manual adjustments), improve plant health and eliminate runoff. In 2022, sustainable, low-water-use landscaping was installed in front of two buildings at Rosemead, California. From 2019 to 2022, SCE commenced sustainable landscape projects across 14 sites. The table below shows the estimated reduction in water consumption as a result of sustainable landscape projects completed from 2019 to 2022.

Sustainable Landscape Water Reduction Estimates

Site	Project Completed (year)	Savings (gallons per year)	% Reduction (original water usage)
South Bay Service Center	2021	316,616	51%
Whittier Service Center	2021	1,083,322	76%
Victorville Service Center	2019 and 2020	2,439,944	84%
Rosemead Buildings	2022	1,170,652	87%

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. For example, in 2022 SCE was able to divert over 15,000 pounds of hazardous waste from landfills by managing the spent catalyst from McGrath Peaker as an excluded recyclable material and recycling it for beneficial reuse.

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.

In addition, SCE has a Sustainable Construction BMP Manual to reduce SCE's waste footprint associated with erosion and sediment control products. Renewable and more sustainable BMP products are catalogued in this manual to support the transition of renewable product usage and reuse in replacement of single-use traditional BMPs.

2022 Material Recycling and Reuse by the Numbers

More than
27K
tons of asphalt recycled

More than
1.20M
pounds of batteries recycled

100%
of old or damaged workstations reused

2.3M
pounds of material recycled from substation power transformer dismantlement projects

1.05M
gallons of oil recycled

96K
pounds of Smart Meters recycled

7K
square yards of used carpet recycled

189
yards of facility vegetation recycled

112
tons of paper recycled

38.6M
pounds of asset material sold

More than
221K
pounds of various universal wastes recycled

6K
linear feet of metal pipe recycled

More than
2K
light fixtures recycled

SONGS Decommissioning

In 2013, after more than 40 years of generating clean electricity, SCE permanently retired the San Onofre Nuclear Generating Station (SONGS). To guide our decommissioning efforts, SCE established the principles of safety, stewardship and engagement. With extensive environmental reviews by state agencies complete, SCE is dismantling the site. Work is currently focused on three key workstreams:

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

By the end of 2022, the process of dismantling above-ground structures was 50% complete and will continue until approximately 2028. Railcars are being used in lieu of diesel trucks during the dismantlement project, reducing emissions as each railcar eliminates six truck trips. All spent nuclear fuel remains safe and secure in an on-site dry storage facility. 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 ensure work is completed in an environmentally responsible manner. For instance, our decommissioning contractor ensures titanium, copper and aluminum are recycled and rail cars are used 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 constructed a 150-acre wetland restoration in Del Mar and 376-acre artificial kelp reef offshore — one of the largest artificial reefs in the world. For more information, visit the SONGS website.

Tehachapi Storage Project Decommissioning

Initially designed as a two-year demonstration to validate the use of lithium-ion batteries for utility-scale energy storage, SCE's Tehachapi Storage Project played a pivotal role in the development of commercial products for the battery storage industry. The project was sited to support clean power generation in a location with extensive wind-power resources. It went on to operate for five more years and provided insight into the full life cycle of a battery storage facility.

In May 2021, the Tehachapi Storage Project ceased operations, and the physical dismantlement of the facility is in progress. During this process, 950,000 pounds of universal waste lithium batteries were generated and sent for advanced recovery. This process captures 95% of materials that are brought back into the supply chain — as compared to older smelting technology, which captures less than 50%. SCE follows all federal, state and local laws and regulations for the reuse, recycling, reselling and disposal of materials at the site.

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 WMP. 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 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 California condor 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 territory. SCE has also protected, enhanced or restored over 5,900 acres of land[1] throughout our service area.

We use local, state and federal standards applicable to our service area to assess impacts on biodiversity. SCE implements best management practices (e.g., good housekeeping, crew trainings, covering tire tracks to discourage unauthorized re-entry, etc.) and resource-specific protection measures to minimize 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 Services 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 ensure the protection of wetlands, streams and riparian areas, as well as other sensitive habitats. SCE minimizes 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 and restoration, efforts continue until all qualitative and quantitative performance and success criteria are achieved.

Our Environmental Services Department is on call 24 hours a day, seven days a week 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 crews to ensure that impacts to endangered species, wetlands and cultural resources are avoided or reduced, as well as to ensure agency coordination and that the applicable permits are acquired to work in the area.

Protecting Endangered Species

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

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.

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 territory, 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, FERC and the National Park Service.

California Condor, the largest soaring land bird in North America, is a federally endangered and California fully protected species that in 1987 only existed in captivity. Now more than 300 birds fly free, and SCE works closely with USFWS to keep improving conditions for condors in the wild. In 2022, SCE partnered with USFWS to provide electric utility-specific information for incorporation into a potential General Conservation Plan for condors.

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.

[1] Number is based on best available data. See Footnote 11 in Sustainability Scorecard (p. 77) for details.

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 preventing 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.

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.

Forestry

SCE manages 20,000 acres of Sierra Nevada forestland near Shaver Lake and Dinkey Creek, east of Fresno. For more than 40 years, SCE's forestry staff have fostered and maintained a healthy forest.

SCE's forest management program includes methods to reduce the threat of wildfires, increase forest resiliency and support healthy forest growth by:

- Strategically planting native trees and plants
- Building firebreaks to help stop fires on or near utility land
- Conducting prescribed burns to rid overgrown brush, small trees and dead material that could otherwise serve as fuel for a wildfire
- Implementing an uneven-aged approach to forestry, where SCE removes mature trees, leaving room for young trees to grow

At SCE's Shaver Lake forest, we use historic information and leading research in forestry and ecology to help us restore the forest to a native structure, when fire was a natural part of the forest's ecology. SCE's goal is for the forest to become resistant to disease, bark beetles and catastrophic wildfires. The ongoing forest management practices of SCE's forestry team to maintain a healthy, resilient forest helped to deflect the devastating Creek Fire in 2020 and support firefighting crews.

SCE developed a plan in coordination with San Bernardino National Forest to manage fuel load related to SCE's vegetation management activities on U.S. Forest Service land. SCE's efforts focus on healthy, diverse, wildfire-resilient forest conditions and helping wildlife populations to thrive.

SCE Facilities & Supply Chain

In addition to our owned generation resources (see Owned Generation and 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 nearly 4,500 on-road vehicles, six helicopters, 1,200 trailers and 700 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 Building Electrification). SCE also manages a supply chain of more than $6.8 billion, 35.4% of which was spent with diverse suppliers in 2022.

Facilities

SCE facilities use electric technologies in line with our strategic focus on electrification and were powered by SCE's grid, which delivered 45% carbon-free power in 2022. We also incorporate green-building attributes that reduce natural resource consumption and promote sustainable commuting by providing charging facilities and technologies to encourage the use of EVs.

Sustainable Buildings

SCE invested more than $6.0 million in 2022 for energy-efficiency measures at our facilities. 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. The majority of our buildings are more than 45 years old, which maximizes our asset investment and supports customer affordability.

Through SCE's building management system, we control the temperature and lighting of facilities to minimize unnecessary energy use. We have retrofitted buildings with LED lighting; upgraded roofs to high-albedo materials, which keep buildings cooler by reflecting solar radiation; and implemented energy-efficiency measures. In 2022, LED lighting upgrades across 21 SCE locations saved 842,000 kilowatt hours (kWh) per year, reducing energy usage by 47% while increasing light levels by a range of 24% to 76%. SCE also reduces energy consumption as facility systems are replaced or upgraded. In 2022, we replaced outdated electric heat pumps with more efficient ones across 23 SCE locations. Older heat pump units typically contain R-22 hydrochlorofluorocarbon (HCFC) refrigerant and are replaced with a non-CFC refrigerant, with a benign ozone-layer impact. Through facility upgrades, SCE captured and recycled 1,053 pounds of HCFC-containing refrigerant. We also recycled 48% of the removed heat pump equipment, which totaled 63,800 pounds.

Charging Stations to Support Employee Commutes

SCE supports employee EV adoption by providing charging infrastructure dedicated for employee use. In 2022, we installed 133 new stations 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 13 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 ensure 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 proposals to promote environmental action, supply chain emissions, Scope 3 carbon emissions goals, technologies to reduce SF_6 emissions from gas insulated switchgears, human capital, supplier diversity and ESG performance tracking over time.

For two years, SCE 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 non-power 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 who 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

SCE's safety campaign is communicated through a variety of platforms, such as billboards, television and radio ads, and social media channels. For customers performing higher-risk jobs near power lines, 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 and emphasizes the need to stay away from downed wire and to call 911 immediately. Our marketing generated more than 800 million impressions across SCE's social channels in 2022.

Reliability: Additional Details

Outage Management to Ensure 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 and minimize 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.

SCE's outage communication work was again recognized in 2022 with Chartwell's "Sustained Leadership in Outage Communications" Award for our longtime commitment to continuous improvement of outage communications.

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 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, transformers and other equipment to expedite replacement of damaged infrastructure during extreme weather events.

We also work with regulators, customers and other utilities to develop a framework to enable microgrids composed of multiple customer-sited DERs, as well as to explore additional microgrid pilots. See Reliability for information regarding our support for an innovative residential microgrid project in partnership with SunPower/KB Homes.

Performance Metrics

SCE tracks reliability trends for unplanned outages and uses the information to inform grid planning and design. Our reliability performance is also reported to the CPUC annually. SCE benchmarks performance against other utilities using industry-standard reliability metrics. These metrics are defined by the Institute of Electrical and Electronics Engineers. They exclude major event days, such as power outages due to natural or human-caused disasters exceeding a certain threshold for outage length. PSPS are included in all three metrics that SCE tracks.

See Reliability and our Sustainability Scorecard for SCE's performance in 2022.

Customer Experience

SCE is focused on improving the experiences of its customers and has a Customer Experience strategy to achieve this — focusing on transforming key experiences, improving communication and engagement with customers, providing the right products and services, and enhancing service in all channels. This strategy is informed by feedback received from customers through various programs, including the Voice of the Customer (VOC) survey, which seeks feedback from over 1,000 customers daily.

In 2022, we made significant improvements to the customer experience by implementing new features such as alerts and notifications, redesigning the Wildfire Safety and Outage Center pages, releasing the MySCE Mobile App to help customers manage their accounts and expanding our close-the-loop program to resolve customer concerns. In 2023, SCE will focus on advancing marketing capabilities, improving self-service capabilities on SCE.com and executing process improvements for outage, billing, payment and solar experiences. We measure the success of our improvement initiatives using Net Score.

Customer Satisfaction

SCE collects customer feedback through various surveys and benchmarks to assess customer satisfaction and improve their services. We track our performance using JD Power and Escalent's Trusted Brand and Customer Engagement study, which help 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 paying, 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.

Affordability: Additional Details

SCE Customer Assistance Programs

Program Name	Program Description	2022 Outcomes
California Alternate Rates for Energy Program	Provides a discount of about 30% on monthly electricity bills for qualifying low-income customers	1.16 million+ (26%) 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 CARE program allowances	26,100+ (<1%) SCE households enrolled
Energy Savings Assistance Program	Offers energy-efficient appliances at no cost to participants	35,640+ customers served 18 million+ kWh saved 2,600+ kW 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 $100 toward their energy bill each year	8,600+ households assisted Approximately $1.2 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	142 SCE households enrolled 109 households converted
California Arrearage Payment Program	Provides financial assistance for California energy customers to reduce past-due balances incurred during the COVID-19 pandemic, for period of March 4, 2020, to December 31, 2021	Approximately 363,000 eligible customers earned relief after SCE received an allocation of approximately $217.7 million from the California State Department of Community Services and Development
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	34,000+ customers received relief of approximately $32.2 million
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	54,500+ customers received approximately $44.7 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	93,600+ customers received the daily 16.5 kWh allowance of additional energy at their baseline rates

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

State Collaboration

As one of several electricity providers in California, SCE partners with industry peers to keep communities safe. For example, in January 2023, SCE sent crews to northern California to assist Pacific Gas and Electric in restoring power following a severe storm that hit the area with heavy rain, flooding and high-speed winds. We deployed a crew of around 100 people to the most vulnerable areas and put others on alert to respond to power outages.

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 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 Customer and Community Engagement 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 Edison Energy[1] 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 13,000 direct jobs and supports tens of thousands of contract roles, while spending approximately $6 billion annually ($6.8 billion in 2022) with suppliers. (See Community Investments).

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

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 2022, SCE retained, expanded and/or attracted more than 15,500 direct jobs in our service area through 32 projects. This translated into an extra $6.2 billion in tax revenue for these areas, based on the estimated direct, indirect and induced jobs stemming from these projects.

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 GHG 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.

Learn more about how Economic Development Services can help customers develop their business in SCE's service area.

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

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

Economic Development Rate

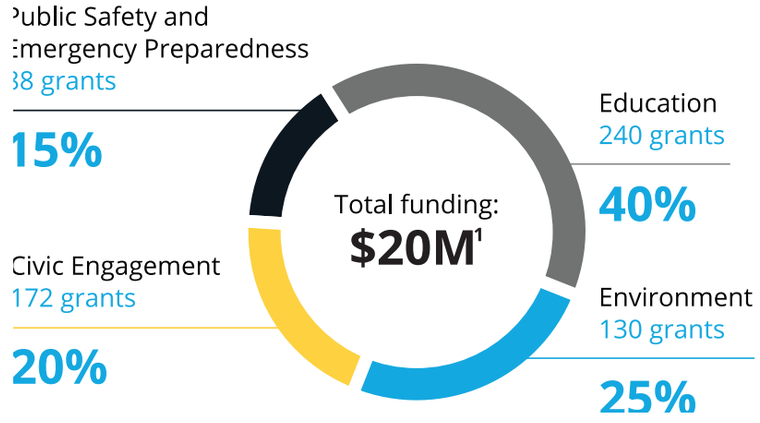
SCE's economic development rate (EDR) program offers a 12% discount on electric bills over five years to help attract, retain and expand businesses. The EDR program is available to businesses, including small businesses, where electricity costs are a primary incentive for seeking alternative locations and where real and viable out-of-state alternatives would be the preferred choice "but for" the incentives afforded under SCE's EDR program or in combination with other financial incentives. The program is also available to businesses considering closure.

Learn more about the EDR program.

Community Investments

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

Edison International's 2022 Community Investments



Edison International's 2022 Community Impact

More than
$3.7M
raised by employee donations and company match

$20M
in philanthropic funding donated by Edison International

630
total grants awarded

$1.7M
value of employees, family and friends volunteering (based on valuation by Independent Sector

$120K
in team volunteer grants selected by our BRGs and internal partners

56K
hours volunteered by employees, family and friends

Volunteering & Board Service

In addition to grants, Edison International supports nonprofit partners through employee volunteering programs and executive service on boards. In 2022, 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 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).

[1] The company's total philanthropic funding of $20 million includes the company's volunteer and matching gift contributions.

WORKPLACE

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

Safety: Additional Details

Employee & Contractor 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 ISO 45001 standard to a U.S. context. SCE is also a member of the National Safety Council.

In 2022, Edison International and SCE began office reentry for employees who had been working remotely throughout the pandemic. Employee entry into the office may fluctuate based on risk to employee health or business need and is determined by COVID-19 transmission rates in the region and amongst our workforce, new variants, changes in regulatory or SCE policy, and in close consultation with public health expert advisors external to the company. A COVID-19 response team evaluates Exposure Questionnaire forms submitted by employees for the purpose of contact tracing, implementing mitigations specific to each case and making notifications where appropriate.

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. In 2022, we continued to deliver safety culture training to employees by integrating our safety culture training modules into new employee orientation and our field apprentice programs. We also provide employees with safety culture refreshers to keep them abreast of key cognitive behavioral tools, which 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 T&D employees focuses on ensuring proper physical capabilities and enabling safe work practices. Training is reinforced and supplemented by verification of knowledge retention, as well as job aids and training materials. In 2022, SCE delivered approximately 280,000 total combined hours of T&D training to more than 6,000 employees, inclusive of employees attending multiple classes.

Contractor Safety

SCE's safety culture extends to our contractors, particularly contractors who perform higher-risk work ("Tier 1 contractors"). In 2022, SCE ensured that the leader safety culture training was expanded to all higher-risk contractors. The expected outcome was to ensure all Safety Tier 1 contractors had executed leader safety culture training, understood where opportunities existed and implemented steps to strengthen the program's effectiveness. SCE also facilitated the sharing of best practices and lessons learned among contractors who implemented their program at operating unit contractor safety forums. SCE uses prequalification and onboarding controls for contractors before work begins to reduce SIF. These components include a third-party assessment and mitigation plans when needed. SCE also incorporates safety requirements into our requests for proposal.

SCE uses an industry best practice model[1] for classifying SIF and assessing contractors' safety performance. Edison representatives ensure contractor incidents are reported, and we analyze contractor safety performance data to identify trends, implement targeted approaches and set objectives. In 2022, SCE and third-party observers conducted more than 14,000 and 3,000 observations, respectively, with outcomes that include crew recognition and identification of Opportunities For Improvement and have also included work stoppages. These observations inform the development of Critical Observable Actions — which contractors must implement for workplace safety.

[1] Edison Electric Institute Safety Classification and Learning

SCE regularly communicates to our contractor workforce to raise awareness about safety. Some examples of our communications include weekly incident reports, significant safety event communications, safety performance scorecards, construction method publications and tool and equipment recalls.

In the event of an injury, SCE's response may range from requiring the contractor to develop its own corrective action plan to reducing or terminating the contract based on the contractor's safety performance. SCE requires incident evaluation reports to be submitted for all incident severities and requires contractors to outline mitigation measures to prevent similar incidents from recurring.

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.

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 the holistic well-being of employees. Employees may receive variable, performance-based pay linked to achievement of corporate and job-specific goals.

Edison International's Employee Stock Purchase Plan allows employees to purchase up to a maximum of $25,000 per year of Edison International common stock at a 3% discount through after-tax payroll deductions of between 1% and 10%.

We also offer competitive employee benefits, including:[1,2]

- A selection of health plans, such as medical, dental and vision benefits (including telemedicine and health advocacy services)
- Life insurance plans
- Short-term and long-term disability plans
- Preventive health account reimbursement to encourage healthy lifestyle activity and to help offset costs for items such as nutritionists, gym memberships and fitness classes
- 401(k) savings plan with company match
- Paid family leave of up to eight weeks, as well as a parental bonding supplement providing 100% salary replacement
- Workplace lactation program for new mothers
- Wellness programs and initiatives
- Competitive vacation/holiday program
- Professional development
- Educational reimbursement
- 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

Wellness Team & Wellness Ambassadors

Edison International's Wellness Team delivers comprehensive wellness and compliance programs, initiatives and resources to employees, retirees and their family members.

For more than a decade, the Wellness Team has led the Wellness Ambassador Program, which is a network of more than 1,100 employee volunteers who further ingrain the culture of wellness at Edison International by attending monthly wellness meetings and sharing information with their work groups and family members. Through these efforts, we reinforce the important connection between wellness and safety.

[1] Part-time employees are eligible for all benefits, excluding long-term disability plans; preventive health reimbursement, gym memberships and fitness classes; educational assistance; and discounts on electric service. Part-time employees are those who are generally limited as to the number of hours they may be scheduled to work in a calendar year, generally 1,456 hours for nonrepresented employees.

[2] Part-time Plus employees are eligible for all benefits, excluding those in footnote 1. 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.

Diversity, Equity & Inclusion: 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.

See Edison International's 2022 Diversity, Equity and Inclusion Report for more details.

Workforce Attraction, Development & Engagement

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.

Industry Collaboration

Edison International is a long-standing sponsor of American Association of Blacks in Energy (AABE) through our supplier diversity team, and we have had several executives serve on AABE's national board. We participate in AABE's Energy Equity Campaign to increase Black representation in the energy industry through business contracting and workforce development. Additionally, several Edison International employees are AABE members, and the AABE California Chapter is led by our employees.

Filling Roles with Internal Candidates

In 2022, 33.5% of vacant positions were filled by internal candidates.

Summer Interns

We see the value of early career talent programs and recruit students through programs like 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 2022 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's summer 2021 intern conversion to full-time roles in 2022 was 80%, exceeding the National Association of Colleges & Employers' 2021 national average of 66.4%.[3]

Summer intern conversions in 2022 are currently in process and will continue throughout the 2023 year as students graduate.

[1] The remaining 0.01% of employees are located in Canada, Mexico, the Netherlands and the United Kingdom. These employees are analysts, managers and directors for Edison Energy.[4]
[2] Latest census data used is from 2020.
[3] NACE Center, "Intern Conversion Rate Climbs, Fueled by Jump in Offer Rate," April 2021.
[4] Edison Energy is not the same company as Southern California Edison, the utility, and Edison Energy is not regulated by the California Public Utilities Commission.

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 progress on performance and development goals is regularly discussed and updated.

High-Potential Employees

Edison International and SCE accelerate the development of high-potential employees through nine-month 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 2022, 168 employees graduated from or were enrolled in one of these programs.

Our full range of high-potential development programs includes:

- **EDGE:** A high-potential leadership development program for principal managers and 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 curriculum, coaching and action learning projects
- **PIVOT:** A high-potential leadership development program for supervisors and managers that includes workshops with content facilitated by the Center for Creative Leadership, conversations with local leaders, action-learning team projects addressing strategic business challenges, executive coaching and peer/leadership networking
- **AMP for Individual Contributors:** A 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 high-potential leadership development program for individual contributors who are interested in a leadership career path
- **MBA Leadership Development Program (MLDP):** A 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 Accelerator:** A program targeted toward underrepresented talent that connects high-potential leaders with officer 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 its talent needs for 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.

Illuminate

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 2022, we trained 968 newly hired employees.

Empower

Empower is a one-year leadership training and mentoring program that equips newly hired leaders with tools, support and resources to lead with values, inclusion and empathy. In 2022, we trained and coached 143 leaders. Overall, nearly 1,500 leaders have completed this and its predecessor program, Leader's Academy, since 2017. The training equips new leaders with the essentials to manage their staff, create a culture of belonging to support and retain the workforce and pass on leadership skills and capabilities to the next-generation workforce. To understand the impact, we asked for qualitative feedback from leaders to measure the overall onboarding experience.

Groundman Skills Training

Employee learning and development is also focused on delivering technical skills training to aid in developing a culture of safety, as well as to recognize and mitigate hazards. This training is key 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.

My Learning

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 resources include learning assessments, career tools, audio books, professional articles, micro videos and leading insights to ignite employee capabilities. Employees have 24/7 access to flexible learning opportunities from their mobile devices or company or home computers. Course materials include an array of individual or leader competencies, professional development and technical skills.

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 almost 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. In 2022, 20 employees across the organization received the Edison Award for going above and beyond to embody our values and make us stronger.

Formal Complaint Escalation Process

We are committed to fostering an environment of open, 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, website and our employee mobile application. 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 and Fatality Elimination Through Training.

GOVERNANCE

Good governance is the foundation of Edison International's business and critical to our success.

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 its stakeholders. Edison International's directors are elected annually by the company's shareholders. All directors other than Edison International's president and CEO are independent.

Among its primary responsibilities, the Board oversees company strategy, financial performance, safety, enterprise risk management (ERM), operations, 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.

Learn More About the Board's:

- ESG Oversight
- Cybersecurity Oversight
- Political Contributions Oversight
- Board Diversity

Please also refer to Edison International's 2023 Proxy Statement for further information.

Risk Management

Edison International and SCE's ERM process is designed to identify, anticipate and provide oversight of significant business risks, as well as to assess risk management options, and develop and select risk mitigation and response activities.

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 ERM are discussed elsewhere in this report and in Edison International's Annual Report on Form 10-K and 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. SEC filings.

Edison Energy's[1] Board of Directors is responsible for overseeing a risk management process for Edison Energy. ERM reviews Edison Energy's risk management framework annually.

Risk Oversight

Edison International's Board of Directors is responsible for the oversight of significant risks, including those related to strategy, operations, finance and reputation. The Board reviews our ERM process and monitors significant risks. 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 ERM process. For more information, please see Edison International's 2023 Proxy Statement, pp. 22–23.

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

The ERM Department 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, a management forum designed to integrate operations and risk, and provide a common framework for decision-making; the SCE Finance and Risk Management Committee, where ERM is chartered to provide risk input and lead risk discussions regarding the utility; and the Edison International Managing Committee,[1] which has overall oversight of the ERM process and the key risks of the company.

Risk Identification & Prioritization

In addition to ongoing management of known risks, we have established 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 Audits and Regulatory, as well as other groups that participate in managing risk and responding to risk events, including Business Resiliency, Safety, Cyber and Physical Security, Environmental Services and Operational Finance; and research, benchmarking 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.

In 2022, ERM developed more advanced risk analytics techniques for risk assessment, implemented standardized processes for risk identification and analysis, and performed Operating Unit risk management education. ERM's risk identification and intake process uses triggers for when a department-identified issue must be risk-evaluated prior to decision-making. Triggers 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. ERM performs a preliminary risk assessment on triggered risks, determines risk analysis requirements, updates the Enterprise Risk Register, and establishes the stakeholders and processes for completing the necessary risk analysis and assuring that risks are managed and monitored.

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 events. ERM also 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.

To ensure business continuity despite growing uncertainties, SCE evaluates, monitors and mitigates supply chain risks for both materials and services. In 2022, economywide supply chain challenges persisted due to inflation, global conflict, COVID-19 disruptions, labor shortages and other factors. SCE again had insignificant material supply chain disruptions due to successful mitigation efforts that saw us work with vendors and manufacturers to build sufficient inventory to meet business needs throughout the year.

Risk Mitigation

ERM follows a comprehensive protocol to mitigate risks across our operations, with a distinct focus on public safety, operational and hazard 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. ERM's process builds upon ratemaking requirements from the CPUC in the Safety Model Assessment Proceeding (S-MAP) 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 will be filed in 2023.

Findings from our CAVA and feedback from our Community Engagement Plan are factored into the ERM process and the 2022 RAMP report. Risk analysis is also a major component of SCE's WMPs (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 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 and departmental leadership also provide support for assurance. The risk management process informs the annual audit plan.

The ERM, Insurance and Legal teams work together to reduce 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. In addition, we regularly review and update third-party agreements for appropriate minimum insurance limits and indemnity provisions to limit the company's exposure to claims against our vendors and contractors.

[1] The Edison International Managing Committee consists of the most senior Edison International and SCE executive officers. Edison International members include the president and CEO, executive vice president (EVP) and chief financial officer, EVP and general counsel and the senior vice president (SVP) of Strategy, Corporate Development and Sustainability. SCE members include the president and CEO and the EVP of Operations. Joint Edison International and SCE members include the SVP of Corporate Affairs and SVP of Human Resources.

Cyber & Physical Security: Additional Details

Edison International monitors systems and protects against cyber and physical threats 24 hours a day, seven days a week, 365 days a year. 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 response 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.

The electric power sector must also meet mandatory regulatory requirements for cybersecurity. This ensures a consistent set of standards and requirements across the industry. However, regulatory requirements are only a baseline. SCE leverages tools such as the National Institute of Standards and Technology Cyber Security Framework and maturity models such as the U.S. Department of Energy's Cybersecurity Capability Maturity Model to continually improve our efforts across the board.

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 exercises 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 2022, a total of 19,863 employees and contractors completed Workplace Violence and Security Awareness training.

Cyber & Physical Security Standards and 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.

SCE leverages globally applied frameworks and standards, including the National Institute of Standards and Technology's Cyber Security Framework, 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 Board of Directors oversees cyber and physical security. The Board has assigned primary responsibility for cybersecurity operations oversight to its Safety and Operations Committee, which receives regular cybersecurity updates from SCE's chief information officer and SCE's VP & Chief Information Security Officer on specific topics, including the dynamic cybersecurity landscape and defense and risk mitigation strategies. The Board also 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 physical and cybersecurity programs receive oversight from other senior leadership committees to ensure that 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. Other Board members are invited to attend meetings and typically attend at least one meeting 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 CEO-led Electricity Subsector Coordinating Council (ESCC). The ESCC is the principal liaison between federal government leaders and the electric power sector and facilitates the preparation of action plans 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 or physical attacks. We work to identify and break down 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 (GridEx), 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 relevant laws and regulations.

Compliance Effectiveness

To ensure compliance standards are upheld 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 dedicated operators. 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. All active employees completed their Code of Conduct certification in 2022.

Supplier Code of Conduct

Edison International's Supplier Code of Conduct (SCOC) outlines our expectations that our 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.

Ethics@Work Mobile Application

Employees can use the Ethics@Work app to access guidance from Edison International's Code of Conduct and company policies, as well as finding useful resources and reporting concerns to the Edison HelpLine.

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 2022, we monitored more than 4,500 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 government 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, and requires that contributions provided to 501(c)(4) entities not be used for lobbying, political purposes or to pay any government official (including travel expenses). 501(c)(4) organizations that received contributions must certify at year-end that they adhered to this prohibition. In 2022, 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 2022, 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 ninth 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 2022 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 staffs 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 Public Policy Engagement.

APPENDIX

ABOUT THIS REPORT

Edison International is pleased to share our 2022 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 (UN 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 Forms 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.

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 Committee[1] 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 discloses additional ESG information on a voluntary basis through a template developed by the Edison Electric Institute (EEI), the investor-owned electric utility industry's trade association. 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.[2]

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

[1] The Edison International Managing Committee consists of the most senior Edison International and SCE executive officers. Edison International members include the president and CEO, executive vice president (EVP) and chief financial officer, EVP and general counsel and the senior vice president (SVP) of Strategy and Corporate Development. SCE members include the president and CEO and the EVP of Operations. Joint Edison International and SCE members include the SVP of Corporate Affairs and SVP of Human Resources.
[2] Data included in the EEI disclosure may differ from data included herein in order to conform to the reporting requirements of the EEI disclosure, which is industry-standardized.

FORWARD-LOOKING STATEMENTS

Statements contained in this report, including the message from Edison International's president and CEO, about future performance, plans, expectations, objectives and forecasts, and other statements that are not purely historical, are forward-looking statements. These forward-looking statements reflect our current expectations; however, such statements involve risks and uncertainties. Actual results could differ materially from current expectations. These forward-looking statements represent our expectations only as of the date of this report, and Edison International assumes no duty to update them to reflect new information, events or circumstances. Some of the factors that could cause actual results to differ materially are discussed under the headings "Forward-Looking Statements," "Risk Factors" and "Management's Discussion and Analysis" in Edison International's Form 10-K for the year ended December 31, 2022, and other reports filed subsequently with the U.S. SEC, which are available on our website. These filings also provide additional information on historical and other factual data contained in this report.

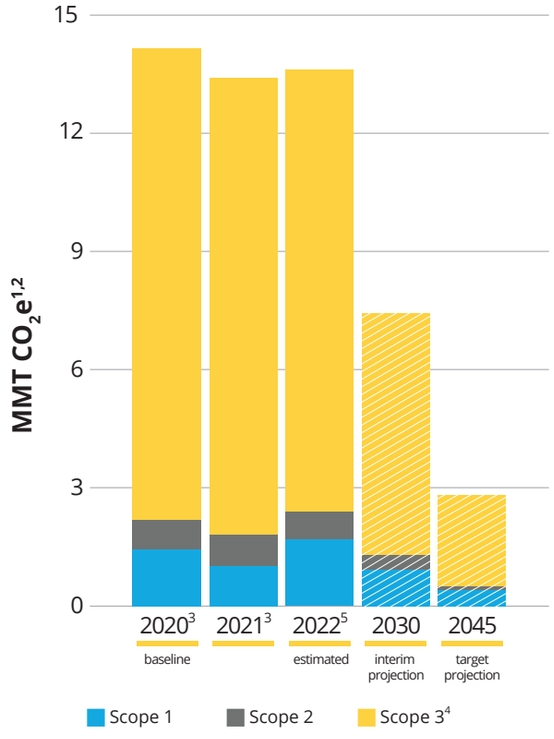
SUSTAINABILITY GOALS

Net-Zero Commitment

Goal: Achieve net-zero GHG emissions across Scopes 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 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 SCE's *Pathway 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] The 2021 emissions inventory includes as an input "retail sales," which was calculated using a different methodology in 2021 compared to prior years. Please see footnotes on p. 14 for more details.

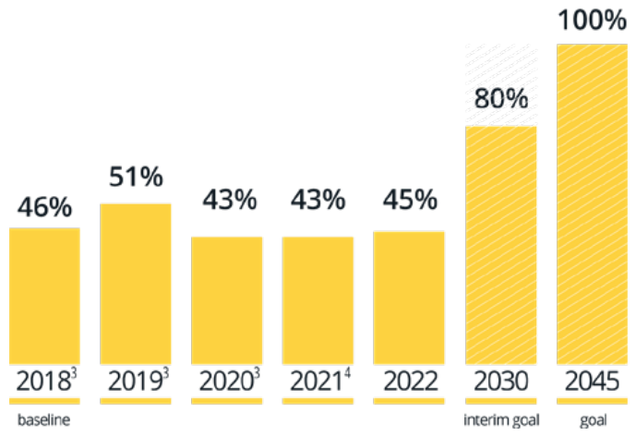
[4] Edison International's Scope 3 emissions reporting continues to evolve. In 2020 and 2021, it included the following emissions sources: specified and unspecified power purchases to serve SCE customers, an estimate of Edison International and SCE's supply chain, and enterprisewide employee commuting 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.

[5] The 2022 emissions inventory is an estimate.

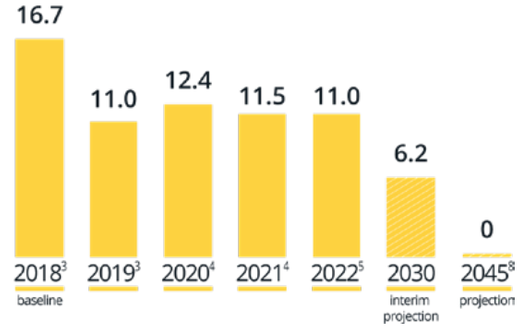
Clean Energy Transition

Goal: Deliver 100% carbon-free power in terms of retail sales to SCE customers by 2045[1]

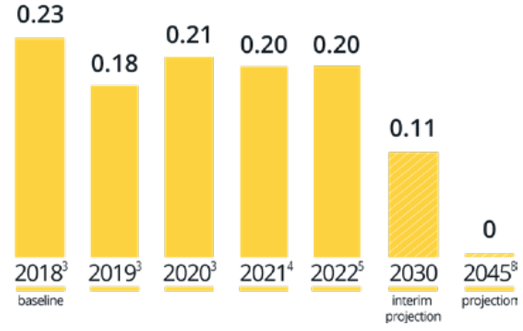
Carbon-Free Power as a Percentage of Retail Sales[2]



Historical and Projected GHG Emissions from SCE's Delivered Power (MMT CO_2e)[6,7]



Historical and Projected GHG Emissions Intensity of SCE's Delivered Power (MT CO_2e/MWh)[6,7]



See Carbon Footprint for more details about our performance.

[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] 2021 delivered power mix data and associated emissions reflect final data from SCE's Power Source Disclosure Program (PSDP) filing in June 2022, as well as other refined data inputs, and have been updated from the estimate shown in the 2021 Sustainability Report. "Carbon-free Power as a Percentage of Retail Sales" remained the same at 43%. "Historical and Projected GHG Emissions from SCE's Delivered Power (MMT CO_2e)" was updated from 11.6 to 11.5 MMT CO_2e and "Historical and Projected GHG Emissions from SCE's Delivered Power (MT CO_2e/MWh)" remained at 0.20 MMT CO_2e/MWh.

[5] This is an estimate of SCE's 2022 delivered power mix using the methodology prescribed by the California Energy Commission's (CEC) PSDP as of April 7, 2023. SCE's final PSDP report will be filed with the CEC on June 1, 2023, 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.

[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 California Public Utilities Commission (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 Integrated Resource Plan (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.

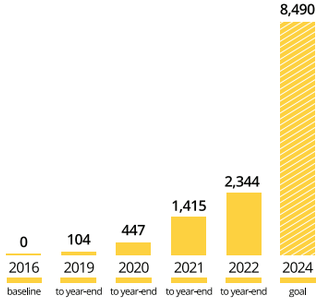
[8] SCE anticipates that the GHG emissions and GHG emissions intensity of its delivered power in terms of retail sales will be at or near zero in 2045. There may still be carbon-emitting resources in the system, however, as outlined in note 2. While retail sales would be considered carbon-free, any residual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

Electrification

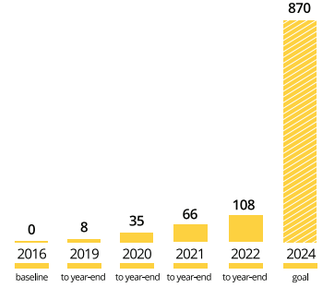
Goal: By 2024, obtain SCE customer commitments to deploy 8,490 medium- and heavy-duty electric vehicles (EVs) at 870 sites through SCE's Charge Ready Transport program[1]

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

SCE Customer Commitments Received

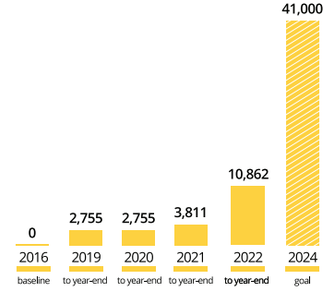


Vehicles

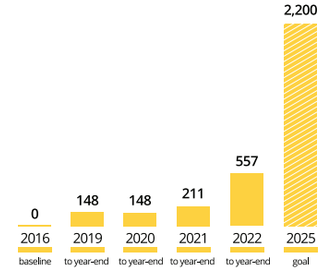


Sites

SCE Customer Commitments Received



Ports

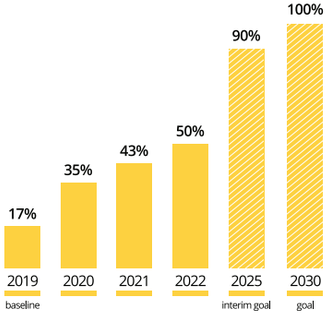


Sites

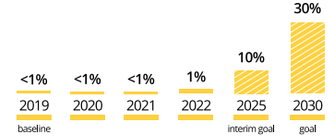
See Electrification for more details about our performance

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[3,4,5]

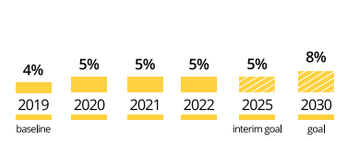
SCE Transportation Fleet



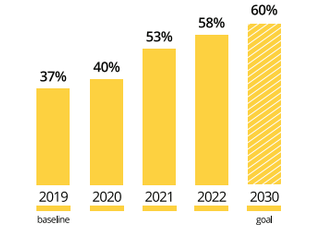
Light-Duty Vehicles



Medium-Duty Vehicles



Heavy-Duty Vehicles



Forklifts

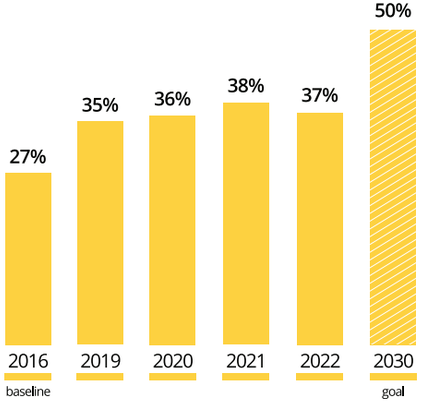
See Electrification for more details about our performance

[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] 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.
[3] SCE's transportation fleet electrification goals align with *Pathway 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.
[4] 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).
[5] Goals contingent on original equipment manufacturer vehicle availability and funding approval through the CPUC.

Diversity, Equity & Inclusion

Goal: Achieve gender parity in executive roles by 2030[1]

Gender Parity in Executive Roles



See Our 2022 DEI Report for more details.

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

Workforce Safety & Health

Goal: No worker (employee or contractor) fatalities[2]

Employee Fatalities

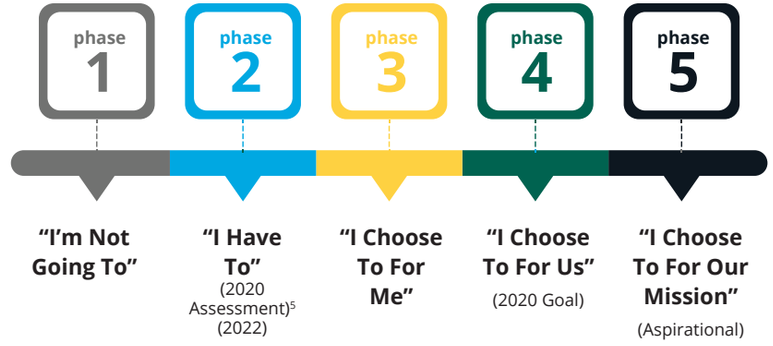
2018: 0 — achieved
2019: 0 — achieved
2020: 0 — achieved
2021: 0 — achieved
2022: 0 — achieved

Contractor Fatalities

2018: 2 — not achieved
2019: 3 — not achieved
2020: 3 — not achieved
2021: 1 — not achieved
2022: 1 — not achieved[3]

See Safety Performance for more details.

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.[4]



[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 Edison Energy[6] executives, i.e., officers and directors (Edison Energy executives include officers only), by 2030.

[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 2023 Proxy Statement, pp. 35–40

[3] 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.

[4] 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 annual safety culture assessment that the Office of Electrical Infrastructure Safety (OEIS) conducts for each electrical corporation.

[5] 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.

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

NON-GAAP RECONCILIATION

Reconciliation of Net Income (Loss) to Core Earnings

(in millions) Year Ended December 31,

	2020	2021	2022
NET INCOME (LOSS) ATTRIBUTABLE TO EDISON INTERNATIONAL			
Southern California Edison	$ 810	$ 829	$ 847
Edison International Parent and Other	(71)	(70)	(235)
Edison International	**$ 739**	**$ 759**	**$ 612**
LESS: NON-CORE ITEMS			
Southern California Edison			
2017/ 2018 Wildfire/ Mudslide Events claims and expenses, net of recoveries	(1,248)	(1,234)	(1,248)
Wildfire Insurance Fund expense	(336)	(215)	(214)
Upstream lighting program decision	—	—	(81)
Impairments	—	(79)	(64)
Employment litigation matter, net of recoveries	—	—	(23)
Organizational realignment charge	—	—	(14)
Sale of San Onofre nuclear fuel	150	10	10
Income tax benefits from re-measurement of tax assets and liabilities	18	—	—
Income tax benefits[1]	401	404	452
Edison International Parent and Other			
Customer revenues for EIS insurance contract, net of claims	—	24	36
Sale of Vidalia lease	132	—	—
Goodwill impairment	(34)	—	—
Income tax benefit from settlement of 2007–2012 California tax audits	—	115	—
Income tax expense from re-measurement of tax liabilities	(3)	—	—
Income tax expense[2]	(27)	(7)	(7)
Total non-core items	**$ (947)**	**$ (982)**	**$ (1,153)**
CORE EARNINGS (LOSSES)			
Southern California Edison	1,825	1,943	2,029
Edison International Parent and Other	(139)	(202)	(264)
Edison International	**$ 1,686**	**$ 1,741**	**$ 1,765**

Earnings Per Share Attributable to Edison International[3]

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

Year Ended December 31,

	2020	2021	2022
EARNINGS (LOSS) PER SHARE TO EDISON INTERNATIONAL			
Southern California Edison	$ 2.17	$ 2.18	$ 2.23
Edison International Parent and Other	(0.19)	(0.18)	(0.62)
Edison International	**$ 1.98**	**$ 2.00**	**$ 1.61**
LESS: NON-CORE ITEMS			
Southern California Edison			
2017/ 2018 Wildfire/ Mudslide events claims and expenses, net of recoveries	(3.35)	(3.25)	(3.27)
Wildfire Insurance Fund expense	(0.90)	(0.57)	(0.56)
Upstream Lighting Program decision	—	—	(0.21)
Impairments	—	(0.21)	(0.16)
Employment litigation matter, net of recoveries	—	—	(0.06)
Organizational realignment charge	—	—	(0.04)
Sale of San Onofre nuclear fuel	0.40	0.03	0.03
Income tax benefits from re-measurement of tax assets and liabilities	0.05	—	—
Income tax benefits	1.08	1.06	1.17
Edison International Parent and Other			
Customer revenues for EIS insurance contract, net of claims	—	0.06	0.09
Sale of Vidalia lease	0.35	—	—
Goodwill impairment	(0.09)	—	—
Income tax benefit from settlement of 2007–2012 California tax audits	—	0.30	—
Income tax expense from re-measurement of tax liabilities	(0.01)	—	—
Income tax expense	(0.07)	(0.01)	(0.01)
Total non-core items	**$ (2.54)**	**$ (2.59)**	**$ (3.02)**
CORE EARNINGS (LOSSES)			
Southern California Edison	4.89	5.12	5.33
Edison International Parent and Other	(0.37)	(0.53)	(0.70)
Edison International	**$ 4.52**	**$ 4.59**	**$ 4.63**

Use of Non-GAAP Financial Measures

Edison International's earnings are prepared in accordance with Generally Accepted Accounting Principles (GAAP). Management uses core earnings (losses) internally for financial planning and for analysis of performance. Core earnings (losses) 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 (losses) are a non-GAAP financial measure and may not be comparable to those of other companies. Core earnings (losses) 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 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] 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] EPS items are reported based on weighted-average share count of 381.4 million for 2022, 379.7 million for 2021, 372.7 million for 2020.

SUSTAINABILITY SCORECARD

● Better ○ No change ¤ Worse

COMPANY OVERVIEW	2020	2021	2022
Net Income (millions $)	739	759	**612**
Core Earnings (millions $)[1]	1,686	1,741	**1,765**
Basic Earnings per Share ($)	1.98	2.00	**1.61**
Core Earnings per Share ($)[1]	4.52	4.59	**4.63**
Total Operating Revenue (millions $)	13,578	14,905	**17,220**
Total Assets (millions $)	69,372	74,745	**78,041**
Total Annual Capital Expenditures (millions $)*	5,536	5,364	**5,678**
Number of Customer Accounts (thousands)*	5,183	5,201	**5,244**
Board of Directors: Total Number of Directors	11	11	**11**
Total Number of Employees	13,351	13,003	**13,388**

TRANSITION TO A CLEAN ENERGY FUTURE	2020	2021	2022	2021–2022 Comparison
Carbon-free Power (% of retail sales)*	43[2]	43	**45[3]**	●
RPS Compliance (% of retail sales)*	35.3	34.8[4]	**36.2**	●
CO_2e Emissions from Owned Electricity Rate (lbs/MWh)*	273	214[5]	**336[3]**	¤[6]
CO_2e Emissions from Delivered Electricity Rate (lbs/MWh)*	466[2]	450[5]	**444[3]**	●
Scope 1 Emissions (million metric tons CO_2e)[7]	1.4	1.0	**1.7[3]**	¤[6]
Scope 2 Emissions (million metric tons CO_2e)[7]	0.8[2]	0.8	**0.7[3]**	●
Scope 3 Emissions (million metric tons CO_2e)[7,8]	11.9[2]	11.5[5]	**11.2[3]**	●
SF_6 Emissions (million metric tons CO_2e)*[9]	0.13	0.05[10]	**0.07**	¤[9]
NO_x Emissions Rate of UOG (lbs/MWh)*	0.08	0.16	**0.08**	●
NO_x Emissions from UOG (metric tons)*	109.2	163.1	**136.3**	●
SO_2 Emissions Rate of UOG (lbs/MWh)*	0.005	0.005	**0.004**	●
SO_2 Emissions from Power Generation (metric tons)*	6.4	4.7	**8.1**	●
Mercury Emissions from UOG (lbs/MWh)*	0	0	**0**	●
Customer Energy Efficiency: GWh % of CPUC Goals*[11]	155	159	**104**	¤[12]
Customer Energy Efficiency: MW % of CPUC Goals*[11]	128	130	**100**	¤[12]
Customer Energy Efficiency: (MW)*[11]	242	266	**248**	¤[12]
Percent of Active Customer Accounts with Smart Meters (%)*	99.19	99.21	**99.21**	○

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 Edison Energy[13] in October 2022, is excluded from all relevant metrics, with the exception of 2022 data year metrics related to female representation among Edison International's workforce, leaders and executives.

[1] See Non-GAAP Reconciliations and Use of Non-GAAP Financial Measures on p. 75 in the Appendix.

[2] 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 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. The "Carbon-Free Power" metric has not been updated for data year 2020, and a year-over-year comparison is not feasible. "CO_2e Emissions from Delivered Electricity Rate," and Scope 2 and 3 emissions for data year 2020 may also be affected, given that emissions related to SCE's purchased power comprise a portion of these metrics.

[3] Certain 2022 data, as noted, is an estimate and includes as an input SCE's estimated 2022 delivered power mix using the methodology prescribed by the CEC PSDP as of April 7, 2023. SCE's final PSDP report will be filed with the CEC on June 1, 2023, and may include updates to the inputs used in these calculations.

[4] "RPS Compliance (% of retail sales)" for data year 2021 has been updated from 35.8% to 34.8% to reflect revisions to inputs made after the 2021 Sustainability Report was published.

[5] Certain GHG emissions figures from 2021 have been updated to reflect final purchased power data from SCE's 2021 PSDP filing, which was finalized and submitted after the preparation of the 2021 Sustainability Report, as well as use of other refined data inputs in the inventory. Updates include: "CO_2e Emissions from Owned Electricity Rate" from 224 lbs/MWh to 214 lbs/MWh, "CO_2e Emissions from Delivered Electricity Rate" from 452 lbs/MWh to 450 lbs/MWh and "Scope 3 Emissions" from 11.6 MMT CO_2e to 11.5 MMT CO_2e.

[6] CO_2e emissions from Owned Electricity Rate and Scope 1 Emissions were higher in 2022 compared to 2021 due to increased runtime of Mountainview Generating Station. This was predominantly driven by increased run time at Mountainview, SCE's combined cycle natural gas plant. High demand in the summer months and reduced energy imports in the winter months led to Mountainview being called upon (i.e., economically dispatched) by the California Independent System Operator (CAISO) more frequently as a highly efficient and cost-effective power source.

[7] 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.

[8] Edison International's Scope 3 emissions reporting continues to evolve. The metric for all data years shown includes emissions from power purchases to serve SCE customers, SCE's supply chain, and enterprisewide employee commuting and business travel. The 2022 data year also includes emissions from waste and wastewater from SCE operations, as well as additional refinements to the methodology underlying the calculation of SCE's supply chain emissions.

[9] SF_6 emissions calculated based on best available data. SCE uses SF6 alternative technologies, such as vacuum and oil-filled equipment, when practicable and seeks to phase out additional SF6 gas-insulated equipment classes as the alternative technology becomes available. Emissions increase in 2022 is due to normal operational variability.

[10] SF_6 emissions for data year 2021 updated from 0.04 MMT CO_2e to 0.05 MMT CO_2e due to ongoing data improvements.

[11] 2022 data related to Customer Energy Efficiency metrics is an estimate based on best-available data at the time of report publication.

[12] SCE met its annual CPUC energy efficiency goals in 2022, but did not exceed them by the same factor as in prior years. 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 addressing. See SCE's opening comments on the Potential & Goals Study for 2024 and Beyond in Rulemaking R.13-11-005.

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

● Better ○ No change ¤ Worse

DIVERSITY, EQUITY AND INCLUSION

	2020	2021	2022	2021–2022 Comparison
Board of Directors: Females as % of Directors	36	36	**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	64	**73**	●
Diversity: Females as % of Workforce[1]	32	32	**32**	○
Diversity: Females as % of Leaders[1]	26	27	**27**	○
Diversity: Females as % of Executives[1]	36	38	**37**	¤[2]
Diversity: Diverse Race/Ethnicity as % of Workforce[1]	61	62	**63**	●
Diversity: Diverse Race/Ethnicity as % of Leaders[1]	49	51	**53**	●
Diversity: Diverse Race/Ethnicity as % of Executives[1]	34	36	**36**	○
Diversity: Combined as % of Workforce[1]	70	71	**72**	●
Diversity: Combined as % of Leaders[1]	60	62	**63**	●
Diversity: Combined as % of Executives[1]	59	62	**61**	¤[2]
Employee Engagement (% favorable)[1]	87	82	**82**	○
Turnover Rate (%)[1]	5.1	7.5	**7.5**	○

CUSTOMERS AND COMMUNITIES

	2020	2021	2022	2020–2021 Comparison
Supplier Diversity Spend (billions $)*	2.40	2.44	**2.42**	¤[3]
Supplier Diversity Spend Rate Percentage (%)*	37.66	38.05	**35.42**	¤[3]
Customer Satisfaction: J.D. Power & Associates Survey Results — Electric Residential (out of possible score of 1,000)*	756	744	**722**	¤[4]
Customer Satisfaction: J.D. Power & Associates Survey Results — Electric Business (out of possible score of 1,000)*	792	771	**761**	¤[4]
Community Investments: Contributions by Shareholders from Pre-Tax Earnings from Operations (millions $)	22.0	20.0	**20.0**	○
Community Investments: Contributions to Nonprofit Organizations by Employees (millions $)	2.3	1.8	**2.1**	●
Community Investments: Employee & Retiree Volunteer Hours	51,147	48,944	**55,666**	●

● Better ○ No change ¤ Worse

OPERATIONS AND ENVIRONMENT

	2020	2021	2022	2021–2022 Comparison
Safety: Employee OSHA Recordable Rate	1.77	1.91	**1.97**	¤[5]
Safety: Employee Lost Workday Case Rate	0.75	0.79	**0.94**	¤[5]
Safety: Employee DART Rate	0.89	1.03	**1.16**	¤[5]
Safety: Employee Fatalities	0	0	**0**	—
Safety: Employee Serious Injuries	17	8	**11**	¤[5]
Safety: Employee SIF Rate	0.122	0.061	**0.087**	¤[5]
Safety: Tier 1 Contractor OSHA Recordable Rate	0.65	0.57	**0.43**	●
Safety: Tier 1 Contractor DART Rate	0.45	0.36	**0.25**	●
Safety: Contractor Fatalities[6]	3	1	**1**	¤[7]
Safety: Tier 1 Contractor Serious Injuries	18	13	**6**	●
System Reliability: SAIDI (minutes, repair only)*	91.40	103.82[8]	**101.03**	●
System Reliability: SAIFI (occurrences, repair only)*	0.87	0.96[8]	**0.96**	○
System Reliability: CAIDI (minutes, repair only)*	105.51	108.10[8]	**104.83**	●
Amount of Hazardous Waste Disposed (tons)*	9,463	7,655	**2,571**	●
Environmental-Related Inspections with No NOVs Issued (% of total inspections)*[9]	92	97	**98**	●
Environmental-Related Settlements, Fines and Penalties ($)*	$3,561,250	$358,250	**$2,432**	●
Number of Environmental-Related Noncompliance Events With Fine*	4	4[9]	**3**[9]	●
Consumptive Fresh Water Use — Fossil Fuel Generation (million gallons)*	566	356	**535**	¤[10]
Habitat Protected, Enhanced or Restored (acres)*[11]	5,195	5,495	**5,904**	●

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 Edison Energy13 in October 2022, is excluded from all relevant metrics, with the exception of 2022 data year 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.

[2] The year-over-year reduction in Diversity: Females as % of Executives" was driven by turnover and high labor market demand. Given a smaller population in this category, minor changes to the number of females in executive roles or the number of executives overall; can result in greater variability within the metric.

[3] The slight (<1%) reduction in SCE's year-over-year "Supplier Diversity Spend" is due to operational variation, as SCE works to scale its diverse supplier base. The ~7% year-over-year reduction in "Supplier Diversity Spend Rate Percentage" is primarily driven by an increase in SCE's total procurement spend due to SCE's construction of a 535 MW utility-owned storage project. See Clean Energy and SCE's 2022 Supplier Diversity Annual Report & 2023 Annual Plan.

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

[5] 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 2022, 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.

[6] "Safety: Contractor Fatalities" metric was mislabeled as "Safety: Tier 1 Contractor Fatalities" in Edison International's 2021 Sustainability Report. The underlying data covers all contractors.

[7] SCE was saddened that a contractor worker incurred fatal injuries in 2022 as a result of being struck by a third-party vehicle. The work being performed was Safety Tier 2. 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.

[8] 2021 metrics have been updated to reflect further validation that occurred after the publication of the 2021 Sustainability Report: SAIDI restated from 101.75 to 103.82, SAIFI restated from 0.95 to 0.96 and CAIDI restated from 106.66 to 108.10.

[9] In 2022, SCE received three Notices of Violations (NOVs) from air quality districts related to air quality compliance deviations with fleet fueling requirements. Separately, the 2021 value for Environmental-related Noncompliance Events was revised from three NOVs to four NOVs due to a noncompliance settlement with a regulatory agency occurring post the 2021 Sustainability Report date.

[10] The increased run time SCE's Mountainview Generating Station in 2022 compared to 2021 resulted in increased generation-related nonconsumptive water usage. See Note 6 on page 76.

[11] Habitat Protected, Enhanced or Restored (acres) for all data years shown is cumulative and includes certain inputs captured prior to 2015 (totaling 1,462 acres), which are based on best available data and could not be validated.

DEFINITIONS

Amount of Hazardous Waste Disposed (tons)

Includes federal and state regulated hazardous waste disposed of via landfill, incineration, wastewater treatment or chemical treatment. SONGS is not 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.

CO_2e Emissions from Delivered Electricity Rate (lbs/MWh)

Carbon dioxide equivalent (CO_2e) 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.

CO_2e Emissions from Owned Electricity Rate (lbs/MWh)

CO_2e 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 (Edison Energy[1] executives include officers only).

Diversity: Leaders

Principal managers, senior managers, managers, senior supervisors and supervisors (Edison Energy 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.

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

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.

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 San Onofre. 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 San Onofre. 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 San Onofre. 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 EEI 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 San Onofre. 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 San Onofre. 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 CO_2e)

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 (SF_6) from transmission and distribution (T&D) equipment].

Scope 2 Emissions (million metric tons CO_2e)

Scope 2 includes indirect emissions required for business processes, including facility energy use (electricity) and transmission losses.

Scope 3 Emissions (million metric tons CO_2e)

Scope 3 includes indirect emissions released as a consequence of the activities of the company, including specified power purchases and unspecified power purchases, employee commuting and business travel, and (for 2022 only) emissions from waste and wastewater.

SF_6 Emissions (million metric tons CO_2e)

SF_6 emissions associated with SCE T&D equipment, as reported to the EPA.

SO_2 Emissions from Power Generation (metric tons)

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

SO_2 Emissions from UOG (metric tons)

SO_2 emissions associated with electric power generation from all sources of SCE equity-owned generation, using EPA Part 75 Acid Rain methodology.

SO_2 Emissions Rate of UOG (lbs/MWh)

SO_2 emissions rate associated with electric power generation from all sources of SCE equity-owned generation, using EPA Part 75 Acid Rain methodology. 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 and Lesbian, Gay, Bisexual and Transgender 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 fourth 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 in order 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	2022 Edison International Company Response
Greenhouse Gas Emissions & Energy Resource Planning	Gross global Scope 1 emissions, percentage covered under a regulatory program	Quantitative	Metric tons (t) CO_2e, Percentage (%)	IF-EU-110a.1	Appendix: Sustainability Scorecard 99.9% of Scope 1 emissions are covered under a regulatory program Note: SCE updated its calculation methodology to include Mobile sources. The 2021 value is revised to 99.9% based on new methodology.
	Greenhouse gas (GHG) emissions associated with power deliveries	Quantitative	Metric tons (t) CO_2e	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: Accelerating the Clean Energy Transition to Address Climate Change — Climate Change Mitigation — Carbon Footprint Part II: Climate Change
	(1) Number of customers served in markets subject to renewable portfolio standards (RPS) and (2) percentage fulfillment of RPS target by market	Quantitative	Number, Percentage (%)	IF-EU-110a.4	(1) 5.244 million (2) 100%
Air Quality	Air emissions of the following pollutants: (1) NO_x (excluding N_2O), (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.

Topic	Accounting Metric	Category	Unit of Measure	Code	2022 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 (%)	IF-EU-140a.1	Appendix: Sustainability Scorecard (1) Total water withdrawn for SCE's utility-owned generation was 3,932 thousand cubic meters in 2022. SCE does not have consolidated water withdrawal data for its nongeneration operations. Total water consumed for SCE's utility-owned generation was 2,025 thousand cubic meters in 2022. (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	3
	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 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 (SWRCB), state Division of Drinking Water (DDW), state Department of Water Resources (DWR) and local watermasters established under the SGMA.
Coal Ash Management	Amount of coal combustion residuals (CCR) generated, percentage recycled	Quantitative	Metric tons (t), Percentage (%)	IF-EU-150a.1	SCE does not own or have specified coal generation contracts.
	Total number of coal combustion residual (CCR) impoundments, broken down by hazard potential classification and structural integrity assessment	Quantitative	Number	IF-EU-150a.2	SCE does not own or have specified coal generation contracts.

Topic	Accounting Metric	Category	Unit of Measure	Code	2022 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: 26.1¢/kWh (2) Commercial: 24.0¢/kWh (3) Industrial: 15.8¢/kWh
	Typical monthly electric bill for residential customers for (1) 500 kWh and (2) 1,000 kWh of electricity delivered per month	Quantitative	Reporting currency	IF-EU-240a.2	(1) $182.27 (2) $409.27 This data is derived from the Edison Electric Institute Typical Bills and Average Rates Report, Summer 2022. 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: 135 Percent reconnected within 30 days: 96%.
	Discussion of impact of external factors on customer affordability of electricity, including the economic conditions of the service territory	Discussion and Analysis	n/a	IF-EU-240a.4	Part I: Accelerating the Clean Energy Transition to Address Climate Change — 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)	Quantitative	Rate	IF-EU-320a.1	(1) TRIR: 1.97 (2) Fatality rate: 0 (3) NMFR: 2.37
End-Use Efficiency & Demand	Percentage of electric utility revenues from rate structures that (1) are decoupled and (2) contain a lost revenue adjustment mechanism (LRAM)	Quantitative	Percentage (%)	IF-EU-420a.1	(1) 100% (2) 0%
	Percentage of electric load served by smart grid technology	Quantitative	Percentage (%) by megawatt hours (MWh)	IF-EU-420a.2	Appendix: Sustainability Scorecard
	Customer electricity savings from efficiency measures, by Market	Quantitative	Megawatt hours (MWh)	IF-EU-420a.3	1,472,663 [This data is an estimate based on best available data at the time of report publication]

Topic	Accounting Metric	Category	Unit of Measure	Code	2022 Edison International Company Response
Nuclear Safety & Emergency Management	Total number of nuclear power units, broken down by U.S. Nuclear Regulatory Commission (NRC) Action Matrix Column	Quantitative	Number	IF-EU-540a.1	SCE has a 15.8% equity share of the Palo Verde Nuclear Generating Station. The station is comprised of three pressurized water reactors that produce approximately 1,412 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 — Trade Associations
Grid Resiliency	Number of incidents of non-compliance with physical and/or cybersecurity standards or regulations	Quantitative	Number	IF-EU-550a.1	This information is confidential.
	(1) System Average Interruption Duration Index (SAIDI), (2) System Average Interruption Frequency Index (SAIFI), and (3) Customer Average Interruption Duration Index (CAIDI), inclusive of major event days	Quantitative	Minutes, Number	IF-EU-550a.2	(1) 131.13 min. (2) 1.08 min. (3) 121.45 min.

Activity Metric	Category	Unit of Measure	Code	2022 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: 4,541 (2) Commercial: 609 (3) Industrial: 6 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: 29,229 (2) Commercial: 43,262 (3) Industrial: 4,143 (4) Other Retail: 6,079 (5) Wholesale: 1,506 Notes: "Other Retail" includes sales to public authorities, agricultural and other sales. 2021 data reported last year has been updated to remove impact of delayed billing on 2021 energy sales from a new customer service system cutover. See Edison International 2022 Financial & Statistical Report, p. 10, for updated prior-year data.
Length of transmission and distribution lines	Quantitative	Kilometers (km)	IF-EU-000.C	202,215 kilometers

TCFD INDEX[1]

This is Edison International's fourth year referencing the Task Force on Climate-related Disclosures (TCFD).[1]

Topic	Recommended Disclosures	2022 Reference
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 — 2022 Performance Incentives; Material Environmental, Social & Governance (ESG) Topics Part II: Governance — Corporate Governance Edison International 2023 Proxy Statement, pp. 22–25 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 www.edisoninvestor.com.

Topic	Recommended Disclosures	2022 Reference
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], comprised of the most senior Edison International and Southern California Edison (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. Edison Energy[2] 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 is comprised of 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. The climate change team is led by SCE's executive vice president (EVP) of Operations, who is required by CPUC regulation to brief the SCE Board of Directors on climate change and related planning. The governance structure for SCE's climate adaptation efforts also includes a Climate Adaptation and Resilience Planning Officer Advisory Committee. This committee is briefed regularly on the work of the climate change team and provides guidance to that team.[3] Links: Part I: Accelerating the Clean Energy Transition to Address Climate Change Part II: Sustainability — Oversight of ESG Risks & Opportunities › CPUC Decision 20-08-046; Ordering Paragraph 13 › SCE's Advice Letter 4456-E filed 3/31/2021, 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. For more details see About this Report.

[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 senior vice president (SVP) of Strategy and Corporate Development. SCE members include the president and CEO and the EVP of Operations. Joint Edison International and SCE members include the SVP of Corporate Affairs and SVP of Human Resources.

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

[3] This committee is currently comprised of the following SCE executives: EVP of Operations; vice president (VP) of Regulatory Affairs, VP of Asset Strategy and Planning; and managing director of System and Asset Strategy, Transmission and Distribution. It includes the following joint Edison International and SCE executives: SVP of Corporate Affairs; and VP of Enterprise Risk Management & Insurance and general auditor. It includes the following Edison International executive: SVP of Strategy, Corporate Development and Sustainability.

Topic	Recommended Disclosures	2022 Reference
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 Scopes 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 to identify acute and chronic risks. In May 2022, SCE submitted its first Climate Adaptation Vulnerability Assessment (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 Edison Energy[1] provides customers with energy solutions to meet their global sustainability and cost goals. Renewable power purchase agreement advisory services are a key element of Edison Energy's business, and the company is well-positioned for the clean energy transition. References: 2022 Edison International Form 10-K, pp. 6–7 ("Electricity Industry Trends"), pp. 10–11 "Southern California Wildfires and Mudslides"), p. 46 ("Operating Risks"), p. 52 ("Competitive and Market Risks"), pp. 155–158 ("Southern California Wildfires"), pp. 158–160 ("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 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] Edison Energy is not the same company as Southern California Edison, the utility, and Edison Energy is not regulated by the California Public Utilities Commission.

Topic	Recommended Disclosures	2022 Reference
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 Scopes 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: 2022 Edison International Form 10-K, p. 6 ("Electricity Industry Trends"), pp. 10–11 ("Southern California Wildfires and Mudslides"), p. 46 ("Operating Risks"), p. 52 ("Competitive and Market Risks"), pp. 155–158 ("Southern California Wildfires"), pp. 158–160 ("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 Climate Adaptation Vulnerability Assessment

Topic	Recommended Disclosures	2022 Reference
Strategy (Continued)		
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: *Adapting for Tomorrow: Powering a Resilient Future* › Part I: *Mind the Gap*

Topic	Recommended Disclosures	2022 Reference
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) report 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

Topic	Recommended Disclosures	2022 Reference
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

Topic	Recommended Disclosures	2022 Reference
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 2022 GHG Emissions: Scope 1: 1.7 MMT CO_2e Scope 2: 0.7 MMT CO_2e Scope 3: 11.2 MMT CO_2e 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. • Edison International's Scope 3 emissions reporting continues to evolve. In 2020 and 2022 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. The 2022 emissions inventory also includes further refinements to the underlying methodology used to calculate SCE's supply chain emissions, as well as emissions from waste and wastewater from SCE's operations. Other Scope 3 emissions categories may be relevant to Edison International and this commitment that are not included here. The emissions inventory also does not yet incorporate Alfa Energy Ltd, which Edison Energy[1] acquired in October 2022; though emissions are expected to be de minimis.
	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.

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

GRI
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This is Edison International's eighth year reporting in reference to the standards developed by GRI. 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 and Edison Energy[1]
2-3	Reporting period, frequency and contact point	Annually December 31, 2022 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 selected metrics in Priority and Foundational topics associated with the ESG materiality assessment. More than 80% of Edison International's Scope 1 emissions are covered under California's cap and trade market, however Part I: Accelerating the Clean Energy Transition to Address Climate Change — Climate Change Mitigation — Carbon Footprint Appendix: About this Report

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

Disclosure #	Disclosure	Location/Response
Activities and Workers		
2-6	Activities, value chain and other business relationships	Intro: About Edison International 2022 Edison International Form 10-K, pp. 142–160
2-7	Employees	Part I: Leading with Diversity, Equity & Inclusion Part I: Operating with Excellence — Safety — Employee & Contractor Safety Part II: Workplace 2022 Edison International Form 10-K, Human Capital pp. 143–146 Edison International 2022 Diversity, Equity & Inclusion Report
2-8	Workers who are not employees	Part I: Leading with Diversity, Equity & Inclusion Part I: Operating with Excellence — Safety — Employee & Contractor Safety Part II: Workplace 2022 Edison International Form 10-K, Human Capital pp. 143–144 Edison International 2022 Diversity, Equity & Inclusion Report

Disclosure #	Disclosure	Location/Response
Governance		
2-9	Governance structure and composition	Part II: Sustainability — Oversight of ESG Risks & Opportunities Part II: Governance Edison International 2023 Proxy Statement, Corporate Governance, pp. 12–21
2-10	Nomination and selection of the highest governance body	Edison International 2023 Proxy Statement, Director Nomination Process p. 15
2-11	Chair of the highest governance body	Edison International 2023 Proxy Statement, Governance Structures and Processes p. 14
2-12	Role of the highest governance body in overseeing the management of impacts	Part II: Sustainability — Oversight of ESG Risks & Opportunities Edison International 2023 Proxy Statement, Board Oversight of Strategy, Risk and ESG pp. 22–25
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	Appendix — About this Report Edison International 2023 Proxy Statement, Board Oversight of Strategy, Risk and ESG pp. 22–25
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 2023 Proxy Statement, Experience, Skills and Attributes on the Board, p. 5; Board Qualifications and Diversity, p. 16; Director Orientation and Continuing Education, p. 16
2-18	Evaluation of the performance of the highest governance body	Edison International 2023 Proxy Statement, Board and Committee Evaluation Process, p. 17
2-19	Remuneration policies	Part II: Sustainability — 2022 Performance Incentives Edison International 2023 Proxy Statement, Compensation Discussion and Analysis, pp. 33–48; Executive Compensation, pp. 49–66
2-20	Process to determine remuneration	Part II: Sustainability — 2022 Performance Incentives Edison International 2023 Proxy Statement, Compensation Discussion and Analysis, pp. 33–48; Executive Compensation, pp. 49–66
2-21	Annual total compensation ratio	Edison International 2023 Proxy Statement, CEO Pay-Ratio Disclosure, p. 66

Disclosure #	Disclosure	Location/Response
Strategy, Policies and Practices		
2-22	Statement on sustainable development strategy	Intro: A Message from Our CEO
2-23	Policy commitments	Intro: 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 Part I: Leading with Diversity, Equity & Inclusion Part I: Cyber & Physical Security Part II: Environment
2-24	Embedding policy commitments	Part II: Sustainability — Oversight of ESG Risks & Opportunities Part II: Environment — Environmental Management System Part II: Workplace — Workforce Attraction, Development & Engagement Part II: Governance — Cyber & Physical Security; Risk Management
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: Accelerating the Clean Energy Transition to Address Climate Change — Climate Change Mitigation Public Policy Engagement — Trade Associations Part I: Leading with Diversity, Equity & Inclusion Part II: Sustainability — Stakeholder Engagement Part II: Communities Edison International 2022 Political Contribution Report

Disclosure #	Disclosure	Location/Response
Stakeholder Engagement		
2-29	Approach to stakeholder engagement	Part II: Stakeholder Engagement Edison International 2023 Proxy Statement, Shareholder Engagement, p. 13
2-30	Collective bargaining agreements	Part II: Workplace — Workforce Attraction, Development & Engagement — Union Partnerships 2022 Edison International Form 10-K, Human Capital, pp. 143–144
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
3-3	Management of material topics	Part II: Sustainability Part II: Sustainability — Material Environmental, Social & Governance (ESG) Topics 2022 Edison International Form 10-K, Management's Discussion and Analysis of Financial Condition and Results of Operations, pp. 4–17
GRI 200: ECONOMIC		
GRI 201: Economic Performance		
3-3	Management of material topic	Part II: Sustainability Part II: Sustainability — Material Environmental, Social & Governance (ESG) Topics Part II: Governance — Risk Management
201-1	Direct economic value generated and distributed	Part II: Communities — Economic Development 2022 Edison International Form 10-K, Consolidated Financial Statements, pp. 62–73 2022 Edison International Form 10-K, Management's Discussion and Analysis of Financial Condition and Results of Operations, pp. 4–17
201-2	Financial implications and other risks and opportunities due to climate change	Part I: Accelerating the Clean Energy Transition to Address Climate Change Appendix: TCFD Index 2022 Edison International Form 10-K, Electricity Industry Trends, pp. 6–7; Southern California Wildfires and Mudslides, pp. 10–12; Operating Risks, pp. 46–51; Southern California Wildfires, pp. 155–158, Environmental Considerations, pp. 158–160
201-3	Defined benefit plan obligations and other retirement plans	2022 Edison International Form 10-K, Note 9: Compensation and Benefit Plans, pp. 103–116

Disclosure #	Disclosure	Location/Response
GRI 203: Indirect Economic Impacts		
3-3	Management of material topic	Part II: Communities Part II: Sustainability — Material Environmental, Social & Governance (ESG) Topics Part II: Governance 2022 Edison International Form 10-K, Management's Discussion and Analysis of Financial Condition and Results of Operations, pp. 14–17 Edison International 2022 Proxy Statement, Corporate Governance, pp. 12–21
203-1	Infrastructure investments and services supported	Part I: Accelerating the Clean Energy Transition to Address Climate Change Part I: Operating with Excellence Part II: Communities 2021 Edison International Community and Economic Impact Report
203-2	Significant indirect economic impacts	Part I: Accelerating the Clean Energy Transition to Address Climate Change Part II: Communities 2021 Edison International Community and Economic Impact Report 2022 SCE Supplier Diversity Annual Report
GRI 300: ENVIRONMENTAL		
GRI 302: Energy		
3-3	Management of material topic	Part II: Sustainability Part II: Environment Part II: Governance Appendix: Sustainability Goals Part II: Sustainability — Material Environmental, Social & Governance (ESG) Topics Edison International 2023 Proxy Statement, Corporate Governance, pp. 12–21
302-3	Energy intensity	561,838 BTU/MWh (SCE only)
302-5	Reductions in energy requirements of products and services	Part I: Accelerating the Clean Energy Transition to Address Climate Change — SCE Delivered Power Mix

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 & Conservation Part II: Governance Edison International 2023 Proxy Statement, Corporate Governance, pp. 12–21 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 the SCE service area. Accordingly, SCE collects and submits pumping reporting records to the state and local groundwater management agencies. The applicable agencies include the State Water Resources Control Board (SWRCB), State Division of Drinking Water (DDW), State Department of Water Resources (DWR) and local watermasters established under the SGMA.
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	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 Edison International 2023 Proxy Statement, Corporate Governance, pp. 12–21
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

Disclosure #	Disclosure	Location/Response
GRI 305: Emissions		
3-3	Management of material topic	Intro: Sustainability Goals Part I: Accelerating the Clean Energy Transition to Address Climate Change Part II: Sustainability — Material Environmental, Social & Governance (ESG) Topics Part II: Environment Part II: Governance Edison International 2023 Proxy Statement, Letter to Shareholders, pp. i–ii Edison International 2023 Proxy Statement, Corporate Governance, pp. 12–21 2022 Edison International Form 10-K, Electricity Industry Trends pp. 6–7; Environmental Considerations, pp. 158–160
305-1	Direct (Scope 1) GHG emissions	Part I: Accelerating the Clean Energy Transition to Address Climate Change — Climate Change Mitigation — Carbon Footprint Appendix: Sustainability Scorecard
305-2	Energy indirect (Scope 2) GHG emissions	Part I: Accelerating the Clean Energy Transition to Address Climate Change — Climate Change Mitigation — Carbon Footprint Appendix: Sustainability Scorecard
305-3	Other indirect (Scope 3) GHG emissions	Part I: Accelerating the Clean Energy Transition to Address Climate Change — Climate Change Mitigation — Carbon Footprint Appendix: Sustainability Scorecard
305-4	GHG emissions intensity	Part I: Accelerating the Clean Energy Transition to Address Climate Change — Climate Change Mitigation — Carbon Footprint Appendix: Sustainability Scorecard Edison Electric Institute ESG Initiative Quantitative Section — Southern California Edison, p. 3
305-5	Reduction of GHG emissions	Part I: Accelerating the Clean Energy Transition to Address Climate Change Part II: Environment — Air Quality & GHG Management Appendix: Sustainability Scorecard
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. 4

<table>
<tr><th>Disclosure #</th><th>Disclosure</th><th>Location/Response</th></tr>
<tr><td colspan="3">GRI 306: Waste</td></tr>
<tr><td>3-3</td><td>Management of material topic</td><td>› Part II: Sustainability — Material Environmental, Social & Governance (ESG) Topics
› Part II: Environment — Waste Management & Asset Recovery
SCE has an environmental management system with standards, manuals and project-specific requirements for managing water runoff and discharges, spill management and waste management.
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.
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.
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.</td></tr>
<tr><td>306-1</td><td>Waste generation and significant waste-related impacts</td><td>› Part II: Environment — Waste Management & Asset Recovery</td></tr>
<tr><td>306-2</td><td>Management of significant waste-related impacts</td><td>› Part II: Environment — Waste Management & Asset Recovery</td></tr>
<tr><td>306-3</td><td>Waste generated</td><td>Waste by Composition, in Metric Tons (MT)
<table><tr><th>Waste Composition</th><th>Total 2022</th></tr><tr><td>Hazardous Waste[1] includes contaminated soil, sulfuric acid</td><td>281</td></tr><tr><td>Nonhazardous Waste[2] including debris and soil, soil and water, clarifier water, nonfriable asbestos</td><td>6,239</td></tr><tr><td>Total Waste</td><td>6,520</td></tr></table></td></tr>
</table>

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 (EPC) projects where contractors are permitted to manage SCE nonhazardous wastes. SONGS is not included in this metric.

Disclosure #	Disclosure	Location/Response
GRI 306: Waste (cont.)		
306-4[1]	Waste diverted from disposal[2]	

Waste Diverted From Disposal by Recovery Operations, in Metric Tons (MT)

Hazardous Waste[1]	Onsite	Offsite	Total 2022
Recycling	0	10	10
TOTAL			**10**
Nonhazardous Waste[2]			
Recycling	0	3,690	3,690
TOTAL			**3,690**

306-5[1] Waste directed to disposal[2]

Waste Directed to Disposal by Disposal Operations, in Metric Tons (MT)

Hazardous Waste[1]	Onsite	Offsite	Total 2022
Incineration (with energy recovery)	0	15	15
Incineration (without energy recovery)	0	136	136
Landfilling	0	120	120
Other disposal operations (treatment)	0	0	0
TOTAL			**271**
Nonhazardous Waste[2]			
Incineration (without energy recovery)	0	0	0
Landfilling	0	2,549	2,549
TOTAL			**2,549**

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 (EPC) projects where contractors are permitted to manage SCE nonhazardous wastes. SONGS is not included in this metric.

<table>
<tr><th>Disclosure #</th><th>Disclosure</th><th>Location/Response</th></tr>
<tr><td colspan="3">GRI 400: SOCIAL</td></tr>
<tr><td colspan="3">GRI 401: Employment</td></tr>
<tr><td>3-3</td><td>Management of material topic</td><td>› Part II: Sustainability — Material Environmental, Social & Governance (ESG) Topics
› Part I: Leading with Diversity, Equity & Inclusion
› Part II: Workplace — Workforce Attraction, Development & Engagement
› Part II: Governance
› 2022 Edison International Form 10-K, Human Capital, pp. 143–146
› Edison International 2022 Proxy Statement, Corporate Governance, pp. 12–21</td></tr>
<tr><td>401-1</td><td>New employee hires and employee turnover[1]
Data is for Edison International, SCE, and Edison Energy[2]</td><td>
<table>
<tr><th>2022 by Age</th><th>All Employees</th><th>External Hires</th><th>Voluntary Separation</th></tr>
<tr><td>Under 30</td><td>1,168 (9%)</td><td>395 (36%) Rate: 34%</td><td>117 (14%) Rate: 10%</td></tr>
<tr><td>30-50</td><td>7,535 (56%)</td><td>577 (53%) Rate: 8%</td><td>305 (36%) Rate: 4%</td></tr>
<tr><td>Over 50</td><td>4,685 (35%)</td><td>116 (11%) Rate: 2%</td><td>419 (50%) Rate: 9%</td></tr>
<tr><td>TOTAL</td><td>13,388 (100%)</td><td>1,088 (100%) Rate: 8%</td><td>841 (100%) Rate: 6%</td></tr>
</table>
<table>
<tr><th>2022 by Gender</th><th>All Employees</th><th>External Hires</th><th>Voluntary Separation</th></tr>
<tr><td>Male</td><td>9,099 (68%)</td><td>782 (72%) Rate: 9%</td><td>558 (66%) Rate: 6%</td></tr>
<tr><td>Female</td><td>4,289 (32%)</td><td>306 (28%) Rate: 7%</td><td>283 (34%) Rate: 7%</td></tr>
<tr><td>TOTAL</td><td>13,388 (100%)</td><td>1,088 (100%) Rate: 8%</td><td>841 (100%) Rate: 6%</td></tr>
</table>
</td></tr>
<tr><td>401-2</td><td>Benefits provided to full-time employees that are not provided to temporary or part-time employees</td><td>› Part II: Workplace — Safety — Promoting a Healthy and Rewarding Workplace
› Edison International Careers Website, Benefits Overview
› 2022 Edison International Form 10-K, Human Capital, pp. 143–144
Part-time employees are also offered a select range of benefits.</td></tr>
<tr><td>401-3</td><td>Parental leave</td><td>651 employees took parental leave for bonding in 2022 [145 female and 506 male]. For various reasons, of these 651 bonding claims, 4% of employees separated from the company. 4% of female employees who opened claims separated, and 3% of male employees who opened claims separated.</td></tr>
</table>

[1] Numbers do not sum due to rounding.
[2] Edison Energy is not the same company as Southern California Edison, the utility, and Edison Energy is not regulated by the California Public Utilities Commission.

Disclosure #	Disclosure	Location/Response
GRI 402: Labor/Management Relations		
3-3	Management of material topic	Intro: 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 — Employee & Contractor Safety Part I: Operating with Excellence — Safety Edison International 2023 Proxy Statement, Corporate Governance, pp. 12–19 2022 Edison International Form 10-K, Human Capital, pp. 143–144
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 and legal precedent set, as well as past interactions with our unions.
GRI 403: Occupational Health and Safety		
3-3	Management of material topic	Intro: Sustainability Goals Part II: Sustainability — Material Environmental, Social & Governance (ESG) Topics Part I: Operating with Excellence — Safety Part II: Workplace — Safety — Employee & Contractor Safety Part II: Governance Edison International 2023 Proxy Statement, Letter to Shareholders, pp. i–ii Edison International 2023 Proxy Statement, Corporate Governance, pp. 12–21 2022 Edison International Form 10-K, Human Capital, pp. 143–146
403-2	Hazard identification, risk assessment, and incident investigation	Part I: Operating with Excellence — Safety Part II: Workplace — Safety — Employee & Contractor Safety
403-5	Worker training on occupational health and safety	Part I: Operating with Excellence Part II: Workplace — Safety — Employee & Contractor Safety
403-9	Work-related injuries	Appendix: Sustainability Scorecard

Disclosure #	Disclosure	Location/Response
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 & Compliance Awareness Training Part II: Workplace — Workforce Attraction, Development & Engagement Part II: Governance Edison International 2023 Proxy Statement, Corporate Governance, pp. 12–21 2022 Edison International Form 10-K, Human Capital, pp. 143–144
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	Intro: Sustainability Goals Part II: Sustainability — Material Environmental, Social & Governance (ESG) Topics Part I: Leading with Diversity, Equity & Inclusion Part II: Workplace — Diversity, Equity & Inclusion: Additional Details Part II: Governance Edison International 2023 Proxy Statement, Letter to Shareholders, pp. i–ii Edison International 2023 Proxy Statement, Corporate Governance, pp. 12–21 2022 Edison International Form 10-K, Human Capital, pp. 143–146 Edison International Employee Code of Conduct Edison International 2022 Diversity, Equity & Inclusion Report
405-1	Diversity of governance bodies and employees	Part I: Leading with Diversity, Equity & Inclusion Appendix: Sustainability Scorecard Edison International 2023 Proxy Statement, Our Director Nominees, p. 4 Edison International 2022 Diversity, Equity & Inclusion Report
405-2	Ratio of basic salary and remuneration of women to men	Part I: Leading with Diversity, Equity & Inclusion Edison International 2022 Diversity, Equity & Inclusion Report, Pay Equity, p. 29

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 Part II: Workplace — Diversity, Equity & Inclusion Part II: Governance Edison International 2023 Proxy Statement, Corporate Governance, pp. 12–21 Edison International 2022 Diversity, Equity & Inclusion Report Edison International Employee Code of Conduct
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 — Workforce Attraction, Development & Engagement — Union Partnerships Part II: Governance Edison International 2023 Proxy Statement, Corporate Governance, pp. 12–21 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 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.

Disclosure #	Disclosure	Location/Response
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 Edison International 2023 Proxy Statement, Corporate Governance, pp. 12–21
413-1	Operations with local community engagement, impact assessments, and development programs	Part II: Communities SCE 2022 Supplier Diversity Annual Report & 2023 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: Environment — Biodiversity, Natural Habitat & Cultural Resource Protection — Community Engagement Part II: Environment — Waste Management & Asset Recovery — SONGS Decommissioning Part II: Customers — Public Safety
GRI 415: Public Policy		
3-3	Management of material topic	Part II: Sustainability — Material Environmental, Social & Governance (ESG) Topics Part I: Accelerating the Clean Energy Transition to Address Climate Change — Climate Change Mitigation — Public Policy Engagement Part II: Governance — Political Activities Edison International Political Contribution Policy Edison International 2023 Proxy Statement, Corporate Governance, pp. 12–21
415-1	Political contributions: Organization's support for political causes	Part II: Governance — Political Activities 2022 Political Contributions and Expenditures

Disclosure #	Disclosure	Location/Response
GRI 416: Customer Health and Safety		
3-3	Management of material topic	Part II: Sustainability — Material Environmental, Social & Governance (ESG) Topics Intro: Sustainability Goals Part I: Operating with Excellence — Safety Part II: Customers — Public Safety Part II: Governance Edison International 2023 Proxy Statement, Corporate Governance, pp. 12–21
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 Part II: Governance Edison International 2023 Proxy Statement, Corporate Governance, pp. 12–21
418-1	Substantiated complaints concerning breaches of customer privacy and losses of customer data	2022 Edison International Form 10-K, Cybersecurity and Physical Security Risks, pp. 52–53 SCE also files annual privacy reports with the 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 Is This a Priority?	How We're Contributing	Measuring Progress
Our vision is to lead the transformation of the electric power industry toward a clean energy future. Southern California Edison (SCE) is committed to delivering 100% carbon-free power in terms of retail sales by 2045 in accordance 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.	**SDG Target 7.1: By 2030, ensure universal access to affordable, reliable and modern energy services** • SCE invests approximately $6 billion in capital expenditures annually to support the clean energy transition through a modern and resilient electric grid • SCE has the lowest system average rate of the three 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 and machine learning, to provide real-time insights into grid health to improve reliability	We have set a goal to deliver 100% carbon-free power in terms of retail sales to SCE customers by 2045. In 2022, 45% of SCE's total delivered power came from carbon-free sources.

Major Focus: 7 — Affordable and Clean Energy (Continued)

Ensure Access to Affordable, Reliable, Sustainable and Modern Energy for All

Why Is This a Priority?

More Information

Part I

- Accelerating a Clean Energy Transition to Address Climate Change
- Operating with Excellence

Part II

- Climate Change
- Customers

Appendix

- Sustainability Goals

How We're Contributing

SDG Target 7.2: By 2030, increase substantially the share of renewable energy in the global energy mix

- SCE is required by state of California law to meet the following retail sales requirements for the power it delivers to customers:
  - By 2024 — 44% of power from Renewables Portfolio Standard (RPS)-eligible resources
  - By 2027 — 52% of power from RPS-eligible resources
  - By 2030 — 60% of power from RPS-eligible resources
  - 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 more than 5,000 MW of energy storage installed or contracted, SCE has one of the largest energy-storage portfolios in the nation
  - Edison Energy[1] has advised on over 10,400 MW of renewable energy power purchase agreements, including 1,459 MW of executed deals in 2022
  - In 2022, SCE interconnected approximately 80,000 behind-the-meter, solar-only installations and 12,000 energy storage and solar paired systems to the grid

SDG Target 7.3: By 2030, double the global rate of improvement in energy efficiency

- Edison Energy partners with large organizations globally, including 26 of the Fortune 100, to identify solutions to help them reduce their carbon footprints and reach their own sustainability and cost goals
- Edison Energy's "Insights Platform" provides organizations with unique transparency and intelligence to better manage energy activities and performance
- In 2022, approximately 1,500 gigawatt hours of energy were saved through the more than 100 energy-efficiency programs that SCE offers; this translates into a reduction in GHG emissions of approximately 375,000 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

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

Major Focus: 9 — Industry, Innovation and Infrastructure

Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation

Why Is This 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

More Information

Part I

- Accelerating a Clean Energy Transition to Address Climate Change

Part II

- Climate Change

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

- 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 artificial intelligence and machine learning to drive automation and data integration
- In 2022, SCE installed approximately 1,400 circuit miles of covered conductor, installed or replaced approximately 370 fast-acting fuses, installed 15 sectionalizing devices and completed approximately 15 circuit miles of undergrounding to harden the grid against the threat of climate-change-driven wildfires
- The Smart Electric Power Alliance (SEPA) recognized SCE with a 2022 Utility Transformation Award, which recognizes specific projects, programs and others driving the utility industry's transformation to a modern, carbon-free energy future

Measuring Progress

SCE invests approximately $6 billion in capital expenditures annually 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 Is This 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

Part I

- Accelerating a Clean Energy Transition to Address Climate Change

Part II

- Climate Change
- Environmental

Appendix

- Sustainability Goals

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 2022, SCE continued to execute on its $436 million Charge Ready Light Duty program, which requires 50% of new charge port installations to be in state-designated disadvantaged 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 Is This a Priority?	How We're Contributing	Measuring Progress
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.	**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 2022	See goals outlined in SDGs 7, 9 and 11. In addition, Edison International is committed to achieving net-zero GHG emissions across Scopes 1, 2 and 3 by 2045.

Major Focus: 13 — Climate Action (Continued)

Take urgent action to combat climate change and its impacts

Why Is This a Priority?

More Information

Part I

- Accelerating a Clean Energy Transition to Address Climate Change
- Operating with Excellence

Part II

- Climate Change
- Customers

Appendix

- Sustainability Goals

How We're Contributing

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 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 (CEAWG), 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