



2015

Corporate Responsibility Report

Edison International



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About This Report

This annual report reflects Edison International's corporate responsibility-related metrics as of year-end 2015 (see pages 62-63) as well as corporate citizenship-related operations activities from 2015 through 2016 to-date. Inside, we describe the company's progress in serving our customers, supporting our communities, partnering with our employees and protecting the environment.

Corporate responsibility remains the foundation from which we operate our business each and every day. We know that our success depends on the quality, productivity and engagement of our employees. As we work together, we demonstrate our shared values and priorities: committing to put safety first; to conduct ourselves with integrity; to encourage collaboration; to cultivate a diverse, inclusive culture in which every employee is valued and respected; and to do the right thing for customers, fellow employees, investors, suppliers and our communities. We strive to be transparent and straightforward when we discuss our business performance. Your feedback continues to guide our reporting. To share your thoughts and suggestions, please contact us at CRreport@edisonintl.com.

Company Overview

Edison International (NYSE:EIX), through its subsidiaries, is a generator and distributor of electric power, as well as a provider of energy services and technologies, including renewable energy. Headquartered in Rosemead, Calif., Edison International is the parent company of Southern California Edison, one of the nation's largest electric utilities. Edison International is also the parent company of Edison Energy Group, a portfolio of competitive businesses that provide commercial and industrial customers with energy management and procurement services and distributed solar generation. Edison Energy Group companies are independent from Southern California Edison.

Our Values:

- Integrity
- Excellence
- Respect
- Continuous Improvement
- Teamwork

Our Operating Priorities

- We operate safely
- We meet customer needs
- We value diversity
- We build productive partnerships
- We protect the environment
- We learn from experience and improve
- We grow the value of our business



At A Glance: 2015 Year-End



5 Million +

Customer Accounts
(SCE)



\$1.0 Billion

Net Income
(Edison International)



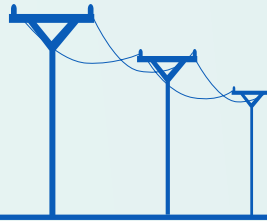
\$11.52 Billion

Total Operating Revenue
(Edison International)



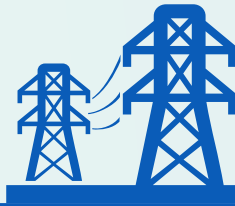
\$50.3 Billion

Total Assets
(Edison International)



87,544 Million

Kilowatt - Hours Total
Electricity Sales (SCE)



103,000 +

Miles of Transmission and
Distribution Lines (SCE)



4,600 +

Circuits (SCE)



12,777 Full-Time
Edison International Employees



10 Directors
on the Edison International Board



9 Independent
Edison International Board Members



3 Ethnic Minority
Edison International Board Members



3 Female
Edison International Board Members

CEO's Message

California has long been at the forefront of environmental protection and climate change policy, with progressive policies addressing renewables, energy efficiency, vehicle fuel standards, and cap and trade. Most recently, in September 2016, Governor Brown signed Senate Bill 32, requiring the State to cut greenhouse gas emissions to 40 percent below 1990 levels by 2030 in order to help address global climate change.

We at Edison International are proud to have played a part in our state's successes to date. We have the drive, insights, and innovation to successfully lead our industry's transformation, and to deliver safe, reliable, clean, and affordable energy to our customers in California and across the country.

Our Southern California Edison subsidiary is committed to maintaining a safe and reliable wires network; modernizing the grid to enable distributed energy resources that support California's greenhouse gas reduction objectives and support widespread adoption of solar, storage, electric vehicle charging, and other technologies; and continuing our operational excellence journey to achieve top performance in safety, reliability, customer satisfaction, and affordability.

Modernizing the Electric Power Network

In 2015, SCE filed with the California Public Utilities Commission its Distribution Resources Plan, which outlined proposed investments in the grid necessary to accommodate growth in distributed energy resources such as rooftop solar and electric vehicles.

A modernized grid will accelerate the growth of solar technologies. SCE is well positioned to lead this effort, connecting nearly 5,000 solar customers to the grid each month in 2015 — and around 200,000 to date. Grid modernization will also benefit adoption of electric vehicles, thus reducing air pollution and GHG emissions. SCE is piloting its "Charge Ready" program to install the infrastructure that could eventually support 30,000 charging stations across its service territory. Grid modernization will also increase efficiency and reliability.

Keeping Rates Affordable

As we make these important investments in the grid, we must stay focused on keeping rates affordable. At the beginning of 2016, our system average rate dropped 8 percent from 2015 levels. Our average monthly residential electric bill last year was \$94, meaningfully below the national average of \$127. We have accomplished this through a sharp focus on reducing overhead costs and creating efficiencies, as well as declines in fuel costs.

Helping Businesses Go Green

Our Edison Energy Group has an exciting opportunity to drive our industry's transformation in the competitive space. EEG is expanding into on-site distributed generation, energy engineering and consulting services that specialize in helping large commercial customers manage portfolio risk through energy efficiency projects, energy procurement advisory services, sustainability initiatives and sourcing renewable energy.



Edison Energy Group's subsidiary SoCore Energy has nearly 250 solar projects operating in 16 states. In 2015, SoCore produced 54 million kilowatt-hours of solar energy, equal to reducing GHG emissions by 37,235 metric tons (based on the national average).

Community Investment

At Edison International, we invest funds from our shareholders to support charitable causes because we want to make our communities stronger so we can all live, grow, learn, work and play in safe, prosperous and inclusive environments.

In 2015, Edison International donated \$20 million to community programs, including nearly \$12 million for education. We are also involved in the community through our employees, who contribute both on their own and with company support. Our employees put in 168,733 hours volunteering for nonprofit and community-based organizations last year and contributed \$2.4 million for worthwhile causes.

We believe we can better serve our customers by embracing and incorporating diversity into everything we do. In 2015, nearly 43 percent of SCE's total procurement spend was with diverse suppliers. Our workforce also reflects the diversity of the communities we serve: SCE supports 10 Employee Resource Groups with more than 3,000 members representing a range of cultures, ethnic groups, sexual orientations and areas of interest.

This 2015 Corporate Responsibility Report provides a snapshot of some of the initiatives we have under-taken over the past year. We look forward to continuing our efforts and view this report as part of the ongoing dialogue we strive to maintain with our customers, communities and stakeholders. Your input is important to us, and as you read this report, take the opportunity to share your thoughts with us at CRreport@edisonintl.com. I thank you for your interest in our company.

Sincerely,

Pedro J. Pizarro
President and CEO, Edison International

– November 2016

Foreword: Welcome to 2030

It is June 21, 2030; the longest day of the year, and it is a scorcher in Southern California. Fifteen years ago, Edison International's Southern California Edison utility might have needed "peaker" power plants to keep customers cool and businesses running on long, hot days. Today, however, 50 percent of the state's energy comes from renewable resources, aided by SCE's modernized distribution network and bolstered by clean energy technologies supported by SCE and other Edison International companies.

Energy optimization, integration and management solutions developed by Edison Energy Group have been implemented by major private and public enterprises across the state and around the country.

The groundwork leading up to this customer-centric grid of 2030 was established in the **Distribution Resources Plan (DRP)** that SCE filed with state regulators in July 2015. The DRP showcased five clean energy technologies which have helped California reach its 2030 clean energy goals, set two decades earlier: energy efficiency, demand response, electric vehicle charging, renewable energy and energy storage.

All of SCE's customers including homeowners, renters, small business owners, industrial operators and large institutions have an opportunity to engage with each of these clean energy technologies to use electric power more efficiently and reduce California's carbon footprint.

For example, **Jessica** is a homeowner in Meritage Homes' Zero Net Energy housing development in Fontana, built in 2015 in partnership with SCE. She is also an SCE "prosumer;" one of millions of SCE customers whose rooftop solar panels are both producing energy for home consumption and selling excess generation back into the grid. She programs her smart energy management system to direct her solar output to her housing development's community energy storage facility, managed by a third-party provider. There, it will be stored in the facility's batteries, until it is needed later in the day, and then sold to the grid at competitive rates.

California's 2030 Energy Targets



50% of electricity derived from renewable resources

50% reduction in petroleum use by cars and trucks

100% increase in efficiency of existing buildings, + cleaner heating fuels

40% reduction in GHG emissions vs. 1990 levels

Jessica unplugs her electric vehicle, one of 1.5 million EVs in California today, and begins her long commute; fortunately, the hospital where she works has a line of electric vehicle chargers, installed in 2016 in coordination with SCE's Charge Ready program. She opts into the demand response program. Her vehicle will stop charging temporarily later in the day, when there is extreme demand on the grid, but will be fully charged by the time she leaves work tonight.

Juan, the quality control manager of Acme Industries, takes an autonomous electric bus to work. His bus is one of a fleet of zero-emission transit vehicles manufactured by Proterra, in which Edison International owns a minority interest. Today, Acme Industries is testing a new line of equipment. When the testing prompts unusual high demand on the grid, an energy storage facility built by SCE adjacent to the plant is automatically triggered to add power, ensuring the consistent flow of electricity. Solar panels on Acme's roof provide renewable energy, and when the output exceeds Acme's energy demand, the excess power is stored in the energy storage system.

Cameron is a renter and a student who lives in subsidized off-campus housing. The rent is kept affordable, in part, by proceeds generated from a community solar project that is connected to the SCE distribution grid – a project developed by Edison International's SoCore Energy unit, which has developed thousands of community solar projects across the country.

The community solar project generates revenue for the college and provides benefits to the distribution grid. Because the cost of electricity and other utilities is included in the rent, Cameron benefits from the solar panels without any personal actions or investments.

Back in 2015, much of the technology that is at work in 2030 was in its testing phase; research and pilot projects across SCE's service area demonstrated both how far the technology had come, and what was needed to ensure its widespread adoption. Fifteen years ago, SCE was planning for a modern power grid that would require new technologies, new partnerships and a new way of operating.

Yet the vision remained clear and steadfast; Edison International, led by SCE and Edison Energy Group, was building a new, customer-driven grid to meet California's environmental goals, without compromising safety or reliability.





“The California Fire Safe Council and Edison International work closely to help Californians protect their lives, homes, communities and environment from wildfires. Through Edison’s generous support, the CFSC is able to work with more than 150 California Fire Safe Councils, Firewise Communities, and fire agencies.”

– **Jerry Davies**
Chairman, CA Fire Safe Council (CFSC)

Staying Safe Around Electricity

Emergency Preparedness

Safety is fundamental to all Edison activities. In the event of a major public safety emergency, first responders and communities will rely on Southern California Edison to play a critical role in disaster response. Electrical equipment damaged in a catastrophic event can be a major public safety hazard; at the same time, electricity is so essential to modern life that rapid power restoration is critical to disaster recovery efforts. That's why SCE invests significant time and resources into strengthening disaster preparedness and response capacity across its service area.

During 2015-16, SCE's Fire Management team, part of the utility's Business Resiliency unit, led more than 100 classes and trained some 3,500 first responders in electrical safety awareness. This team responds to and reports on wildfires that threaten or affect SCE's infrastructure and facilities, engaging directly with first responder agencies in 13 counties over SCE's 50,000 square mile service area.

Read more at:

- [Edison Volunteers Help Install Smoke Detectors in El Monte Homes](#)
- [Long Beach Expo Teaches Emergency Preparedness](#)
- [Angels Pitcher Helps Teach Kids Earthquake Safety](#)
- [Annual Drill Helps Prepare Volunteers for Disasters](#)



Edison International is a founding partner of PrepareSoCal, a public awareness campaign by the American Red Cross. In 2012, Edison International committed \$1.5 million over three years to launch the campaign, which then focused on disaster preparedness. In July 2015, Edison extended the commitment for another \$1.5 million over three years, with a new focus on preparing vulnerable communities for hazards such as home fires and earthquakes.

Goal 1

Strengthen Disaster Response Capacity	Final Goal Achievement Results of 3-year Campaign (through June 30, 2015)*	Final Goal Achievement (as a percentage of target)
Increase total shelter spaces from 210,000 to 500,000	708,994	142%
Increase the capacity to serve and distribute meals from 1.8 million to 4 million meals per day	3,047,863	76%

Goal 2 Engage and Empower Volunteers

Increase the number of trained disaster volunteers from 1,521 to 4,000	5,445	136%
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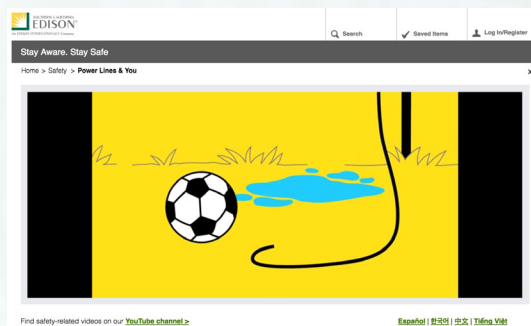
Goal 3 Forge community partnerships and teach preparedness

Train 250,000 individuals in first aid, CPR and AED	1,501,310	601%
Educate/train 70,000 individuals	266,305	380%

*Final results of the American Red Cross' three-year PrepareSoCal campaign ended June 30, 2015.

Staying Safe Around Electricity

Public Safety Education



1.5 Billion Impressions

SCE's 2015 advertising campaign extended the previous year's focus on safety near power lines, especially in everyday, non-emergency situations. The campaign achieved more than 1.5 billion advertising impressions via television, print, radio, digital/online, and out-of-home (e.g., billboards and bus shelters).

340,945

views of SCE's safety web pages in 2015, including pages in English, Spanish, Chinese, Korean and Vietnamese.

113,000

contractors, construction and agricultural workers, tree-trimmers and first responders were provided electrical safety materials from SCE in 2015.

75,390

elementary school students and teachers (34 percent of the fourth grade students in SCE's service territory) received electrical safety materials from SCE in 2015.

20,251

schoolchildren attended "A Bug's Light," a play about electrical safety presented by the National Theater for Children and supported by SCE, performed 82 times in 2015 at 40 elementary schools.

Read more at:

['A Bug's Light!' Shines a Spotlight on Electrical Safety](#)
[Staying Safe While Trimming Trees](#)
[Heeding the Dangers of Power Lines](#)



on.sce.com/staysafe



Staying Safe Around Electricity

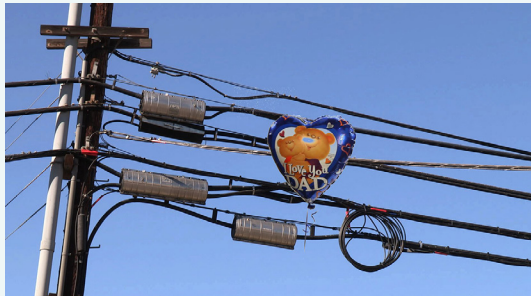
Metallic Balloon Safety

In 2015, SCE experienced an all-time high of 924 outages caused by adrift metallic balloons, a more than 40 percent increase over the previous year, and was well ahead of that record-breaking pace in early 2016. Most balloon-related outages usually occur in May and June, due to celebrations of Mother's Day, Father's Day, graduations and proms. Spikes in these types of outages also occur in February, due to Valentine's Day.

To educate customers, SCE pushes out metallic balloon safety tips and videos throughout the year (especially around these holidays) through news media outreach, posts on sites such as Twitter, Facebook and Instagram, and full-length articles on Inside Edison.

Read more at:

[As Dangers Soar, Safe Celebrations Urged for Dads, Grads and Newlyweds For These Balloon Purveyors, It's All About Decorating, Educating Valentine's Day: The Only Safe Metallic Balloon is a Secure One](#)



Celebrate VALENTINE'S DAY Safely

Balloon Weight
Securely tie a weight as required by California law.

Children
Never tie a metallic balloon to a child because it could come in contact with a power line.

Proper Disposal
Puncture balloons before putting them in the garbage to keep them from floating away.

Downed Or Dangling Power Lines
If you see a downed wire — even if it appears not to be live — stay away. Call 911 immediately.

59 The average number of February balloon outages over the past five years.

82 The percentage increase in balloon outages in 2015 from January to February.

96 The number of wire-down events caused by metallic balloons in 2015.

924 A record high number of balloon outages last year, topping the previous high of 714 in 2012.

2,397 The total hours of balloon-caused outages in 2015.

SCE Balloon Outages By Month in 2015

Month	Outages
Jan	33
Feb	60
Mar	89
Apr	85
May	123
June	153
July	106
Aug	64
Sept	48
Oct	68
Nov	50
Dec	47

SCE Balloon Outages In the Past Five Years



Year	Outages
2011	640
2012	714
2013	690
2014	656
2015	924

For more electrical safety tips, visit on.sce.com/staysafe



Staying Safe Around Electricity

Employee Safety

In 2015, SCE continued its journey toward improved safety performance, as reflected in these measurements:

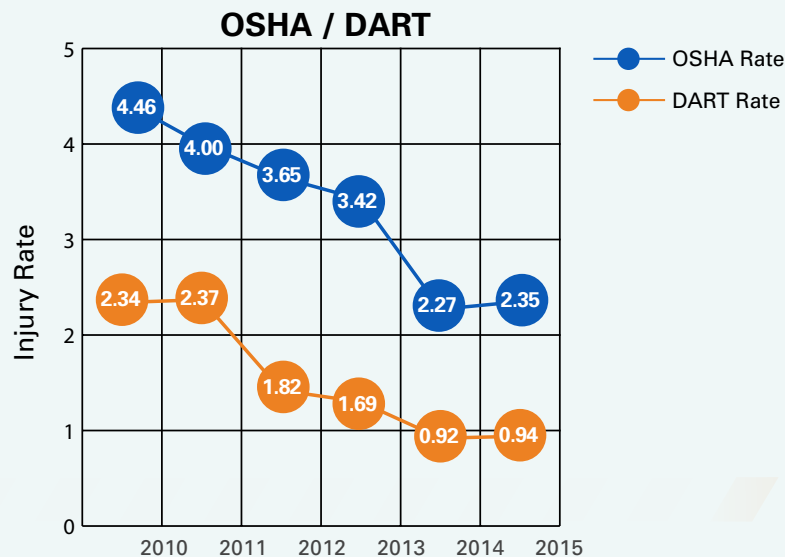
-  The rate of workplace injuries reportable to the Occupational Safety and Health Administration (OSHA), and,
-  Days Away, Restricted and Transferred (DART) rate, which measures injuries serious enough for an employee to lose time away from work, or that require the employee to be on restricted duty.

Performance dipped slightly in 2015:

-  After improving in 2014 by 34%, **OSHA rate increased by 4%**
-  After improving in 2014 by 46%, **DART rate increased by 2%**

In 2015, SCE's DART Injury Rate performance was in the 3rd quartile among peer utilities.* The company's goal is to improve its DART Injury Rate performance into the 2nd quartile in 2016 and continue improvement going forward.

**Per Modified Philadelphia Utility Index*

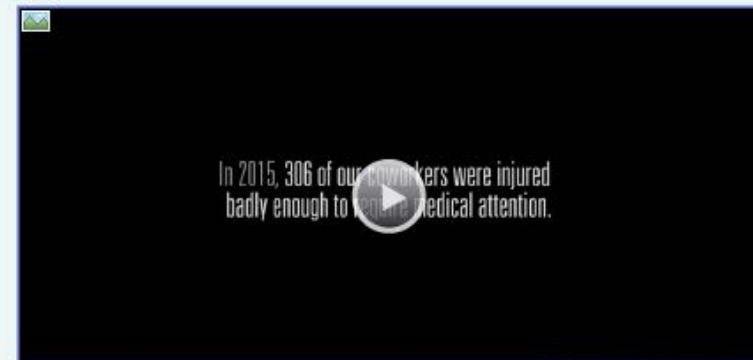


Safety Memorial Day

Edison International has observed Safety Memorial Day, where employees across the company gather in a moment of silence to honor Edison colleagues who lost their lives at work. Employees who cannot attend the event at company headquarters are encouraged to join or lead an observance at their workplace. In 2015, there was one SCE employee fatality, and one contractor fatality. These tragic losses underscored the importance of safety for our company.

The ceremony also offers employees an opportunity to recommit themselves to stopping unsafe work, preventing injuries before they occur, and to doing whatever it takes to ensure everyone goes home safely after concluding their work each day.

A new video, **No One Gets Hurt Today**, featuring employee testimonials on what it takes to work injury-free, was made available on Edison's 2016 Safety Memorial Day, along with other employee resources such as a meeting facilitator's guide, a remembrance poster, and a safety commitment statement for employees to sign.





“Through the SASH partnership we have with SCE, we’re able to team up with job training groups and volunteers to offer solar at low to no cost to hundreds of families in underserved communities across Southern California. The result is that Edison customers can not only reduce their electric bills but also become an active part of the solution to climate change.”

– **Michael Kadish**
Executive Director, GRID Alternatives

Customer-Centric Focus

Re-engineering Solar Customer Interconnections

As late as December 2014, SCE’s internal processes for approving customer requests for interconnection of rooftop solar systems had not caught up to the unprecedented volumes the company was experiencing. Approval times ran as long as 75 working days. From the perspective of customers, the solar industry, and the CPUC, the extended turnaround times gave the incorrect impression that SCE was anti-solar.

Throughout 2015, roughly 24 process improvements were implemented. For example, an online tool was introduced in April to automate the application submission process, a previously manual process. Further, SCE formed a cross-functional internal task force to re-engineer outdated processes, including re-routing responsibilities to eliminate hand-offs and create operational efficiencies, relocating functions within work groups better equipped to handle them.

By January 2016, SCE-specific cycle time averaged 2.5 days, a result of all team members dedicated to improving the customer experience.

SCE offers customers helpful information about installing solar generation at their [home](#) or [business](#).

Helping Customers Go Solar: 2015 Totals

#1 Nationwide* for solar customers connected

56,649 interconnection projects

Nearly 5,000 new interconnections each month
(200,000+ since 1998)

Equivalent to a new solar customer every **9 Minutes**

1,258 MW of solar energy delivered to customers by SCE

*Source: Smart Energy Power Alliance Annual Utility Solar Rankings

Solar for Families

Solar for Affordable Housing (SASH):

- | | |
|---|--|
| <ul style="list-style-type: none"> Single-Family Affordable Solar Homes program provides low-income families with free or low-cost solar photovoltaic (PV) systems that significantly reduce household energy expenses and allow families to direct those savings toward other basic needs. SCE works with GRID Alternatives, a non-profit solar contractor and the statewide program manager for the SASH Program. | <p>As of Dec. 31, 2015, SCE had completed:</p> <ul style="list-style-type: none"> 2,274 projects for low-income families 7.1 MW of generating capacity \$40.3 Million paid in incentives |
|---|--|

Solar for Multifamily Housing (MASH):

- | | |
|---|--|
| <ul style="list-style-type: none"> The Multifamily Affordable Solar Homes program provides incentives for the installation of solar systems on low-income multifamily housing. | <p>As of Dec. 31, 2015, SCE had completed:</p> <ul style="list-style-type: none"> 137 solar projects for multifamily affordable housing 10.2 MW of generating capacity \$35.4 Million paid in incentives |
|---|--|

Customer-Centric Focus

Energy Affordability

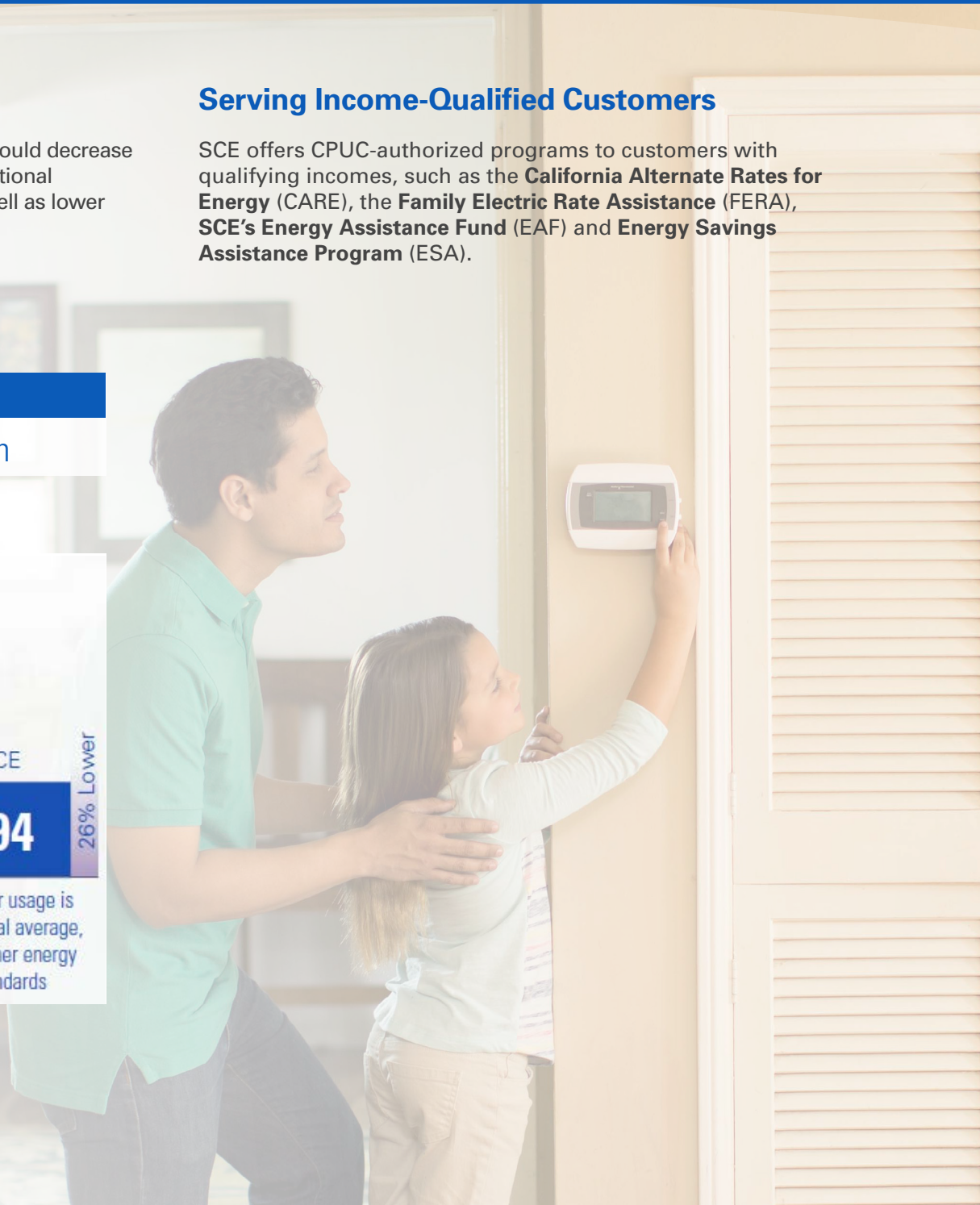
In late 2015, SCE announced that its average customer's bill would decrease about 8 percent in 2016. The reduction was the result of operational efficiency efforts in the company that reduced overhead, as well as lower costs for purchased fuel and power.

Serving Income-Qualified Customers

SCE offers CPUC-authorized programs to customers with qualifying incomes, such as the **California Alternate Rates for Energy (CARE)**, the **Family Electric Rate Assistance (FERA)**, **SCE's Energy Assistance Fund (EAF)** and **Energy Savings Assistance Program (ESA)**.

2015 System Average Rate

SCE	US Average
15.4 ¢/kWh	10.6 ¢/kWh



Customer-Centric Focus

2015

California Alternate Rates for Energy (CARE)	Family Electric Rate Assistance (FERA)
Ongoing bill support	
<p>1.2 million+ SCE customer accounts enrolled*</p> <p><i>* More than 1/3 of SCE residential customer accounts</i></p>	<p>19,000+ participating households</p>

SCE's Energy Assistance Fund (EAF)	
Administered by the United Way	
Qualifying SCE customers can receive up to \$100 toward their energy bill once in a 12-month period	
<p>\$1.47 Million donated by employees, customers and Edison International shareholders</p>	<p>13,837 households assisted</p>

Energy Savings Assistance (ESA)		
Helps save energy and money by offering energy-efficient appliances at no cost to customers		
<p>77,000+ Participating homes</p>	<p>28 million+ kWh saved</p>	<p>Reduced demand by 4,416 kW</p>

Time-of-Use Opt-in Pilot

A July 2015 decision by the CPUC requires California's three investor-owned utilities (IOUs) to conduct pilot programs and studies of residential Time-of-Use (TOU) electric rate designs beginning the summer of 2016 in preparation for the 2019 residential default to TOU.

SCE launched its TOU Opt-in Pilot on June 1, 2016, and expects it to last through 2017. This effort will test how well a randomly selected group of approximately 21,500 residential customers accept, understand and adjust to three TOU pilot rates that vary in seasonality, price ratios and peak period durations. Customers assigned to the TOU pilot rates will be compared to a control group who remain on their domestic tiered rate throughout the pilot's duration.

During the 18-month pilot, SCE will engage the test groups through multiple communications such as a welcome kit, newsletters, summer postcards, text messages and social media. Many of the communications will be offered in languages such as Spanish, Mandarin, Korean, and Vietnamese.



Customer-Centric Focus

Online Customer Tools

In 2015 SCE added new Online Tools to help California households manage their account, choose the best rate option and estimate their monthly bill.

With the new Rate Comparison Tool, a customer can view alternate SCE rate options that may better fit their current home, lifestyle and energy usage pattern. By inputting their service account and zip code, customers can compare costs based on their historical energy usage with three of SCE's Time-of-Use (TOU) rate options.

SCE's Paperless Billing helps customers receive and pay their bills conveniently and safely online, either on their desktop or mobile device. Customers signed up for paperless billing receive notifications and alerts when their bills are due. As more SCE customers conduct transactions online, paperless billing helps them better manage their account.

The new Bill Estimator Tool helps customers determine the potential impact to their bill following the June 2016 CPUC-authorized rate simplification, which reduced the existing four rate tiers to three. Customers input their zip code and previous bill amount into the tool and can instantaneously see how their bill may be impacted by the tier collapse, if they continue the same usage behavior.



Utility Bill Scam Communications

From January 2014 through December 2015, more than 16,000 SCE customers received utility phone scam calls from impostors claiming to be from SCE and threatening to disconnect their service unless immediate payment was made for bogus late bills. Of those, at least 700 customers paid scam artists, with losses totaling nearly half a million dollars.

In 2015, SCE used several methods of media outreach to educate customers about the bill scams, including news releases, TV and radio news reports, newspaper and online interviews, videos, social media, and customer bill inserts. SCE's Corporate Security team works with local and national law enforcement agencies to investigate scams and trends. SCE Consumer Affairs helps raise public awareness about such scams, providing tips to help customers avoid falling victim, explaining SCE's bill collection practices and what to do if scammed.



Read more at:

[Phone Impostors Continue to Scam Utility Customers](#)

[CBS2/KCAL9 Reporter Saves Local Orange County Business from Utility Scam](#)

[Garden Grove Woman Victim of Utility Worker Impostor Scam](#)

Customer-Centric Focus

Social Media Engagement

SCE continued to increase engagement across all of its social media channels in 2015, growing by more than 40 percent; coupled with an aggressive paid social strategy, the company was able to connect to its customers who are active on social media an average of 13.7 times each.

SCE continued its growing commitment to customer service on social media, for the first time surpassing the 10,000 mark in total customer service-related responses.

Outage Management

No customer likes to be without power, but when outages are unavoidable, SCE is dedicated to minimizing the disruption for its customers.

SCE completed nearly 37,000 maintenance outages in 2015, while improving its cancellation and reschedule rate to below 10 percent. This reflects progress from 20,000 maintenance outages and 27 percent cancellation and reschedule rate in 2013. To further minimize inconveniences, the company is continuing its effort to avoid maintenance outages on sensitive dates (such as national or religious holidays), although there are times when outages must be taken immediately to protect public safety or to prevent other, potentially longer outages that could affect many more customers.

Substantial improvements to the outage experience were made in 2015 by allowing all customers to receive digital notification (e-mail, SMS, Automated Voice, TTY) for both maintenance and repair outages.

To help educate customers, SCE completed outreach to every city and county in its service territory on local infrastructure upgrades. The company also held 39 outage schools in local communities, teaching business customers how to prepare in the event of an outage. This included information on safety, the maintenance and repair outage processes, outage resources and support, and outage-related tools.

Read more at:

[The ABCs of Power Outages](#)

[Maintenance Outages: What, When and Why](#)



42,456 Total Followers
34% increase vs. 2014



128,776 Total Followers
41% increase vs. 2014



36,304 Total Followers
46% increase vs. 2014



5,446 Total Followers
47% increase vs. 2014

Customer-Centric Focus

Support for Drought-Impacted Customers

In 2015, California suffered its fourth consecutive year of severe drought conditions. The impacts were felt statewide, especially in hard-hit areas such as California's Central Valley.

SCE began offering free efficiency testing of groundwater pumps for agricultural business customers back in 1911; the practice continues today. Through 2015, customers receiving tests were also eligible for financial incentives from SCE to upgrade inefficient pumping equipment. In 2015, SCE awarded \$2 million in such incentives.

To better serve agricultural business customers, SCE launched an Agriculture Desk in 2015 staffed by specialists well-versed in the electric issues faced by these customers. The specialists help agricultural customers move to the most beneficial rate plan, and assist with billing and planning issues, pump test requests, demand response program participation and more.

During the drought, many agricultural business customers redesigned their irrigation systems, drilled wells, and constructed reservoirs. In parallel, SCE stepped up efforts to assist these customers in designing efficient systems and to incentivize them to upgrade to Variable Frequency Drives, as appropriate. VFDs are electrical devices which automatically adjust the speed of the pump motor to efficiently supply the required pressure to the irrigation system. The estimated 2015 energy savings from these VFD installations surpassed 2.4 million kWh.



SCE Annual Water Conferences

SCE has hosted an Annual Water Conference in Southern California for more than 20 years (and a Central Valley version for six consecutive years) to educate water and wastewater agencies throughout its service area on saving energy, money and the environment.

These SCE Conferences provide expert perspectives on a range of topics including current statewide and local issues, the connection between water and energy resources (The Water-Energy Nexus), and customer-specific case studies where best practices and successes are shared. The latest information on energy efficiency, demand response, and distributed generation technologies and programs is also discussed.

The Conferences include a series of classes allowing attendees to dive deeper into topics such as pumping plant efficiency, renewable energy, drought mitigation, water loss intervention strategies, and more.

Customer-Centric Focus

Aquarium of the Pacific

The Aquarium of the Pacific in Long Beach was one of 11 SCE business customers recently recognized with a 2015 Cool Planet award. The award, jointly sponsored by SCE and The Climate Registry, is given to customers who demonstrate leadership in energy savings and a reduction in greenhouse gas emissions.

As part of its greening of the aquarium initiative, the Aquarium replaced existing lighting in its otter exhibit with energy-efficient LED lights. They also reprogrammed the central plant so the chilled water used to cool the water tanks and for air conditioning wasn't being over-pumped — a move that saved 800,000 kilowatt-hours a year. A total of 46 kilowatts of solar panels were installed in three locations. New skylights and solar tubes maximized the use of natural light. The Aquarium also participates in SCE's demand response program, reducing its electricity usage in periods of high demand.

Read more at:

[Aquarium of the Pacific Shines a Light on Energy Savings](#)



Port of Long Beach

The Port of Long Beach, the second busiest container port in the United States, is partnering with SCE to increase the benefits for tenants who replace their old, inefficient electrical equipment with new technology – and boost the overall sustainability, resilience and competitiveness of the Port in the process.

Effective April 1, 2016, Port tenants purchasing new lighting, climate control and other equipment eligible for rebates through two SCE programs can apply for a matching rebate from the Port. The Port incentive is called the Energy Efficiency Rebate Match (EERM) Program.

The Port and SCE have established a framework for streamlining projects eligible for the complementary rebates. They also are collaborating on technical support to help tenants assess their energy usage and the opportunity to lower consumption and cost, which includes energy audits available at no cost to the tenant.

Customer Satisfaction

One of the ways the utility industry measures customer satisfaction is through annual J.D. Power surveys. The surveys help SCE track its progress in meeting our customers' needs compared to other utilities across the nation.

J.D. Power examines several factors to determine a utility's overall customer satisfaction score and industry ranking for both residential and business customers. These factors include Power Quality & Reliability, Price, Billing and Payment, Corporate Citizenship, Communications, and Customer Service.

Among large utilities in the West, SCE was ranked seventh in J.D. Power's 2016 Residential Electric Utility Customer Satisfaction study (same as the previous year). SCE ranked sixth in the J.D. Power 2016 Business Electric Utility Customer Satisfaction study (up from seventh in 2015).



“It’s rare to find girls interested in engineering. But I take pride in being one of the exceptions. Because I know that a career in chemical engineering will enable me to make a difference.”

– **Aylin Arreola**
2015 Edison Scholar





Strengthening Our Communities


Community Investment

Edison International is proud to invest in the communities it has served for 130 years. Shareholder funds are used to support charitable causes focused on public safety as it relates to emergency preparedness; science, technology, engineering, and math (STEM) education; environmental stewardship; and civic engagement. Edison believes that investing in communities creates opportunities, makes communities stronger, and helps people live, grow, learn, work and play in safe, prosperous and inclusive environments.

Education

Programs	Scholarships
 <p>Total grants to support education</p> <p>\$11.8M</p>	 <p>Total grants invested in scholarships</p> <p>\$3.9M</p>
<p>Grants we gave to support STEM programs</p> <p>835</p>	<p>Total scholarships awarded</p> <p>2,563</p>
<p>Total colleges and universities that received STEM grants</p> <p>14</p>	<p>Total scholarships awarded via education institutions</p> <p>1,605</p>

Environment

 <p>Total grants awarded to support the environment</p> <p>\$2.0M</p>	<p>Total organizations that received environmental grants</p> <p>136</p>
<p>Total 2015 Community Investment Funding: \$20 Million</p>	

Civic Engagement

 <p>Total grants to support civic engagement</p> <p>\$5.2M</p>	<p>Total cities/counties benefiting from civic engagement programs</p> <p>484</p>
<p>Total families that receive assistance from Energy Assistance Fund 13,837</p>	

Public Safety + Emergency Preparedness

 <p>Total grants awarded to public safety + emergency preparedness</p> <p>\$1.0M</p>

Employee Engagement

 <p>Value of employee volunteering</p> <p>\$3.9M</p>	<p>Edison employee volunteer hours</p> <p>168,733</p>
<p>Total funds raised by employees</p> <p>\$2.2M</p>	<p>Organizations funded through Employee Giving Program</p> <p>2,810</p>

Read more at:

[Edison International Community Investment Report 2015 \(interactive\)](#)

[Edison International Community Investment Report 2015 \(PDF\)](#)

Strengthening Our Communities

Edison Scholars

The \$1.2 million Edison Scholars Program aligns with Edison's support for STEM education. The program focuses on underrepresented minority, low-income students in Southern California, awarding \$40,000 scholarships to 30 new Edison Scholars each year to pursue STEM degrees in college.



The 2015 Edison Scholars were selected from a field of 2,768 applicants, an 86 percent increase from the previous year's application pool. To be eligible, students must live or attend schools in SCE's service territory. The scholarships are paid over four years and the Edison Scholars may also be eligible for summer internships at SCE after completing their second year of college.

Read more at:

[Meet the 2016 Edison Scholars](#)

[Edison International Invites High School Seniors to Apply for \\$40,000 College Scholarships](#)



Strengthening Our Communities

Signature Customer Events

SCE continues to strengthen relationships with its customers, community, and business partners through company-wide signature events that celebrate diversity, business enterprise, and community partnerships. The events recognize Black History Month, Asian American Pacific Islander Heritage Month and Hispanic Heritage Month.

In 2015, SCE hosted five signature events attended by more than 1,400 people. The events focused on:

- Highlighting SCE’s investments and contributions targeted within each of these groups
- Recognizing the community-based organizations we support
- Promoting SCE’s energy efficiency and supplier diversity programs by honoring customer and partner champions in this area
- Reinforcing messaging around electrical safety and emergency preparedness



Read more at:

- [Overcoming Long Odds in the Central Valley](#)
- [Stories of Hardship and Triumph at Asian-American Month Celebration](#)
- [SCE’s Black History Month Salutes Energy-Efficiency Champions, Community Partners](#)

Supplier Diversity

In 2015, SCE’s Supplier Diversity initiatives resulted in Women Minority Disabled Veteran Business Enterprise (WMDVBE) spend of \$1.8 billion, or 42.9 percent of the company’s total procurement spend. This was the third straight year that SCE exceeded its aspirational goal of 40 percent with diverse suppliers.

Supplier Diversity achievements included adding more than 100 new diverse firms to the company’s supplier base and sponsoring five “Meet the Primes” match-making events, connecting nearly 350 diverse firms with 43 prime suppliers for subcontracting opportunities.

In addition, EDGE (Entrepreneurial Development, Growth and Education), SCE’s supplier development initiative, had seven diverse firms participate in its Mentorship Program, and several were awarded contracts that all together totaled more than \$25 million.

SCE Supplier Diversity Spend

	2011	2012	2013	2014	2015
Tier 1:					
Prime Suppliers (\$ Millions)	\$970	\$1,000	\$894	\$1,200	\$1,400
Tier 2:					
Subcontractors (\$ Millions)	\$428	\$498	\$542	\$516	\$424

\$1.8 billion in 2015 WMDVBE spend

42.9% of company’s total procurement spend

3rd straight year exceeding 40% of total procurement spend

Read more at:

- [2015 SCE Supplier Diversity Annual Report](#)
- [Supplier Diversity & Development \(SCE.com\)](#)

Strengthening Our Communities

Nuclear Plant Decommissioning

Guided by the principles of safety, stewardship and engagement, SCE continues preparations to decommission the San Onofre nuclear facility following the decision in June 2013 to retire the plant. Since the initial required submittals to the U.S. Nuclear Regulatory Commission (NRC), SCE has focused on state approvals needed to prepare the site for dismantlement and to ensure continued safe storage of the plant's used nuclear fuel.

In 2015, the California Coastal Commission approved SCE's request to reconfigure spent fuel cooling systems and approved a coastal development permit to expand dry storage of used nuclear fuel. The used fuel must be in dry storage canisters before it can be moved off site, as advocated by SCE and a wide range of community stakeholders. SCE expects to transfer all used fuel to dry storage by 2019.

Read more at:

[Decommissioning Work Progresses at San Onofre Nuclear Plant](#)



SONGS Community Outreach

The San Onofre Community Engagement Panel (CEP), established in 2014 to advise SCE on decommissioning, continued to host robust public discussions each quarter on topics that include security, emergency planning, environmental and economic impacts, and storage of used nuclear fuel. A key emphasis is working with community groups to advocate for off-site storage of San Onofre's used nuclear fuel.

Guest speakers at the CEP's June 2016 meeting on used fuel storage options included John Kotek, the U.S. Department of Energy acting assistant secretary for the Office of Nuclear Energy, who has led DOE's consent-based siting outreach on consolidated interim storage of used nuclear fuel, and Allison M. Macfarlane, former NRC chairman who served on the President's Blue Ribbon Commission on America's Nuclear Future.

In 2015, San Onofre's team of experts hosted Decommissioning Education Fairs at several nearby communities, giving residents an opportunity to talk directly with specialists on issues ranging from emergency planning to security. SCE hosted tours of San Onofre for hundreds of neighbors, including school groups. In addition, San Onofre made \$108,000 in charitable contributions to local nonprofit organizations in 2015.

Read more at:

[SONGS Community web site](#)

[San Onofre Takes Its Story on the Road](#)

[San Onofre Fire Rescue Equipment Helps Camp Pendleton](#)

[San Onofre Public Tours Give Rare Look at Nuclear Plant](#)

[Students Get Rare, Up Close Glimpse of Nuclear Plant](#)

San Onofre Order Instituting Investigation (OII) Settlement Agreement

Replacement steam generators were installed at San Onofre in 2010 and 2011. On January 31, 2012, a leak in one of the heat transfer tubes in San Onofre's Unit 3 steam generators prompted plant operators to take the unit off line. Subsequent inspections revealed excessive tube wear. Unit 2 was off line for a planned outage when areas of unexpected tube wear were also discovered. On June 7, 2013, SCE announced it would permanently retire Units 2 and 3.

In November 2014, the California Public Utilities Commission approved the San Onofre Order Instituting Investigation (OII) Settlement Agreement that SCE had entered into with TURN, ORA, SDG&E, the Coalition of California Utility Employees, and Friends of the Earth. In May 2016, a CPUC ruling reopened the record of settlement and sought comments on whether the settlement remains reasonable, consistent with the law and in the public interest. The record is again closed and in place. Appeals remain pending.

SCE believes the settlement is appropriate and should stand. It ensures Edison shareholders, not SCE customers, pay for the faulty steam generators designed and manufactured by Mitsubishi Heavy Industries from the time they failed and the plant was no longer providing power. The settlement also reduced the portion SCE customers are paying on their monthly bills for past investments to build and maintain San Onofre over the 30 years the plant provided safe, reliable and low-cost power. SCE customers, on average, currently pay \$2 per month (or 2 percent of their bill) for past investments in San Onofre. SCE is aggressively pursuing legal action against Mitsubishi, and whatever the company is awarded, after legal costs, will be shared evenly between our customers and shareholders. Already, customers have been credited the \$293 million SCE received from its insurance carrier – also a condition of the settlement.



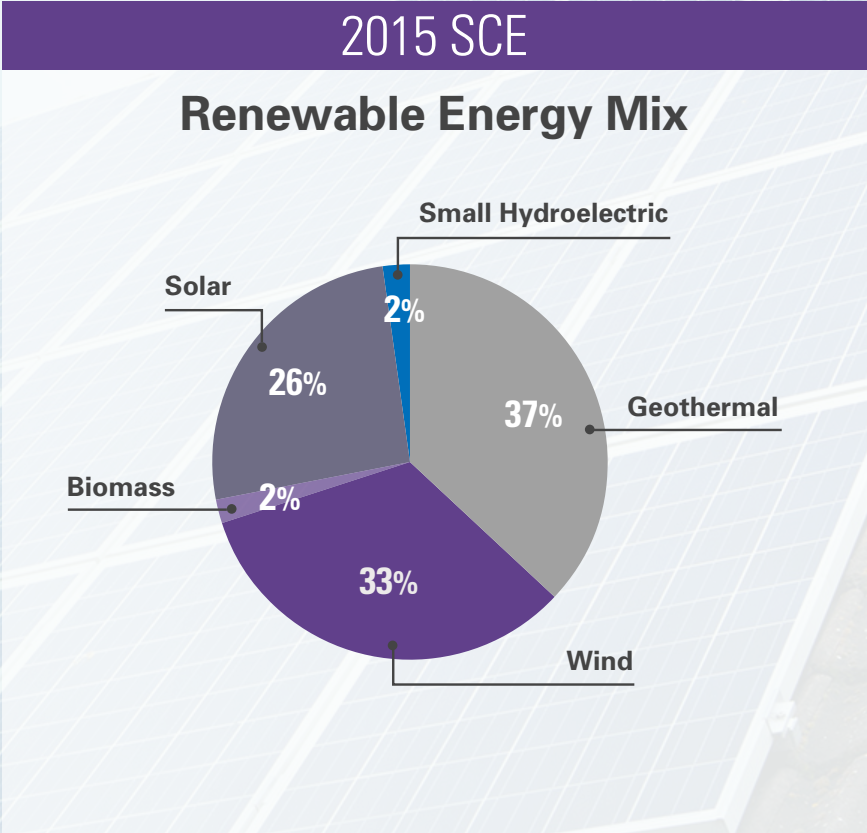
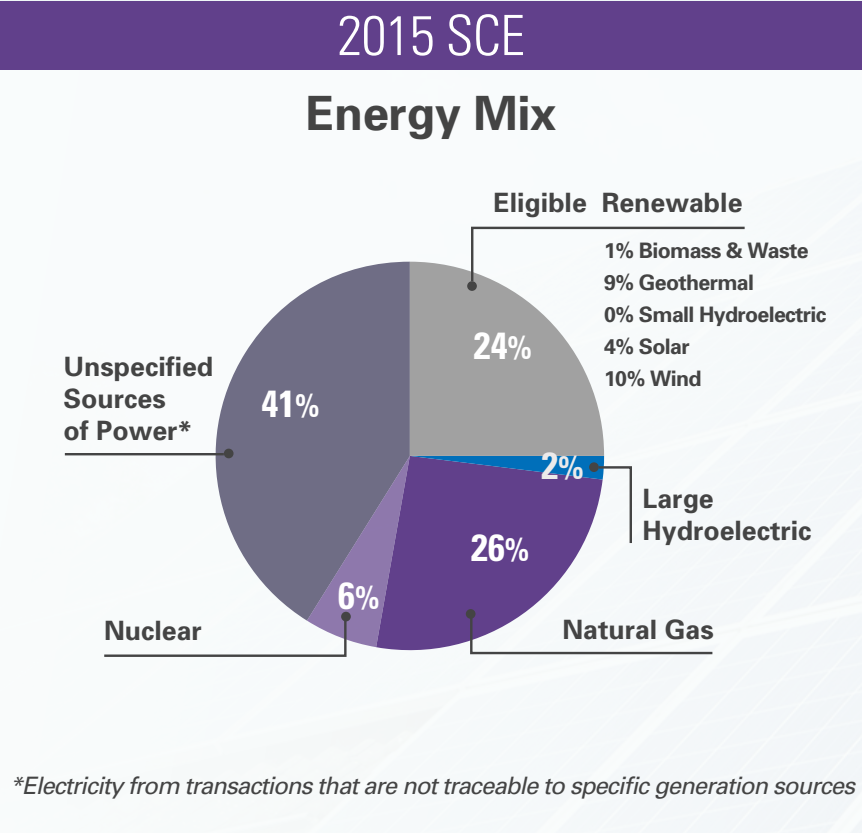
“California needs to move to a zero-emission transportation system and SCE is showing us how to get there. With its transportation electrification work, and with its increasing focus on delivering clean energy, I’m excited to see the progress that SCE is making towards a less-polluting future.”

– **David Pettit**
Senior Attorney, Natural Resources Defense Council (NRDC)

Cleaner Energy, Cleaner Environment

Clean Renewable Energy

In 2015, 24.3 percent of the energy delivered to SCE’s customers was from renewable energy (vs. 23.4 percent in 2014). The increase was driven by a 78 percent increase in solar energy delivered, from 2,691 GWh in 2014 (15 percent of SCE’s renewable energy mix) to 4,783 GWh in 2015 (26 percent).



Cleaner Energy, Cleaner Environment



Solar represented 4% of SCE's 2015 total energy mix and 26% of its renewable energy mix

SoCore Energy

Edison Energy Group subsidiary SoCore Energy has nearly 250 solar projects operating in 16 states. In 2015, SoCore produced 54 million kilowatt-hours of solar energy, equal to reducing GHG emissions by 37,235 metric tons. SoCore has expanded beyond rooftop installations to ground-mounted community solar and rural electric cooperative projects.

SCE-Owned Solar Generation

SCE was among the first to install and own some of the largest rooftop solar generating systems in California. In 2015:

- **26 solar generating systems** owned and operated by SCE (25 rooftop, 1 ground-mounted)
- **113 MWh** generated
- Enough to power **17,000 homes** for an entire year

Average GHG per Unit of Electricity Provided

[Metric Tons of CO2 Equivalent per Megawatt-Hour]

	2013	2014	2015
SCE Portfolio Estimate (mT CO2e /MWh)	0.37	0.26	0.23
EPA's US Estimate (mT CO2e /MWh)	0.69	0.56	0.70

Climate Change and Greenhouse Gas Reduction

SCE is building a low-carbon power system and is helping California build a cleaner energy future by reducing greenhouse gas emissions, supporting clean energy resources and technologies, promoting electric vehicle adoption, and offering customers more choices to help them use energy more efficiently.

SCE's GHG intensity per unit of electricity served remains well below the estimated national and western U.S. averages, primarily because SCE no longer owns nor operates any coal-fired generation plants. SCE's remaining utility-owned generation fleet is composed primarily of large hydropower and natural gas-fired facilities.

Drought Impact on Hydropower

Due to the historic drought conditions, SCE's 1,000-megawatt Big Creek Hydroelectric Project generated about 21 percent of its normal hydropower output in 2015. In an average year, hydroelectric power from Big Creek fulfills five percent of SCE's energy needs; in 2015, it accounted for about one percent. The difference was met through increased purchases of renewable energy (predominantly solar), as well as generation sourced from clean natural gas.

Cleaner Energy, Cleaner Environment

Transmission and Smart Grid Investments for Renewable Energy

SCE continues to invest in transmission projects to help meet California's renewable energy goals. SCE is investing \$2 billion in transmission projects from 2014 through 2016. The company is also making substantial investments in advanced technologies that will move SCE toward a more integrated Smart Grid.



The **Tehachapi Renewable Transmission Project (TRTP)** supports the development of renewable energy generation projects in the remote regions of eastern Kern County. It is one of the nation's largest transmission projects devoted primarily to renewable energy and, once complete, will deliver enough electricity to power 3 million homes. Work is complete on 10 segments of new and upgraded transmission lines from Tehachapi to San Bernardino County. Work is being finalized on the final segment of the line being constructed underground in the Chino Hills area. The Chino Hills project is one of the world's first 500 kV lines to be undergrounded.

The **West of Devers Upgrade Project** is in the licensing phase, and will help bring new wind and solar generation in from Riverside and San Bernardino Counties, and from the Imperial Valley. It is expected to be in service in 2021.

The **Mesa 500-kV Substation Project**, which was also in the licensing phase in 2015, is anticipated to address reliability concerns resulting from the pending shutdown of Once-Through-Cooling generation plants and the retirement of the San Onofre Nuclear Generating Station. It is planned to be in service in 2020.

SCE partnered with the Imperial Irrigation District (IID) on the **Path 42 Project**, which will help transfer additional renewable energy from IID's portion of the state grid onto SCE's portion. The project was completed in January 2015.

SCE's application for a certificate of public convenience and necessity (CPCN) supporting the **Riverside Transmission Reliability Project (RTRP)** is currently pending before the California Public Utilities Commission (CPUC). RTRP will provide the Riverside Public Utility (RPU) and its customers with adequate transmission capacity to serve existing and projected load, provide for long-term system capacity for load growth, and provide needed system reliability. RPU is currently served through SCE's Vista Substation, and RTRP will provide RPU a second point of interconnection. RTRP is expected to be completed by 2022.

Cleaner Energy, Cleaner Environment

Energy Efficiency and Demand Response

Energy Efficiency and Demand Response programs contribute to greenhouse gas reduction, and thus support California's GHG reduction goals. Just as important, these programs help customers better manage their electricity usage. SCE offers a variety of energy saving plans, rate programs and rebates for residential and business customers.



Saving
Kilowatts (kW) or Megawatts (MW)

Reducing the amount of electricity that must be generated to meet customer demand.



Saving
Kilowatt-Hours (kWh) or Megawatt-Hours (MWh)

Reducing the electricity consumption of homes, businesses, municipal buildings, etc.

Energy Efficiency

Energy Efficiency programs reward utility customers for making changes that impact their long-term energy usage; for example, recycling older appliances or equipment like refrigerators, freezers, and pool pumps; or upgrading to newer energy-efficient HVAC systems and LED lighting.

SCE: 2015

1,527 GWh in energy savings (155% of CPUC goal)	307 MW of long-term peak demand reduction (192% of CPUC goal)	Helped prevent 408,603 metric tons of greenhouse gas (GHG) emissions	Equivalent to 221,619 cars removed from the California's roads for an entire year
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SCE: Last 5 Years

7.0 Billion kWh in energy savings	Enough to power 1 million homes in California for an entire year	Helped prevent approx. 2.4 million metric tons of GHG emissions	Equivalent to 1 million cars removed from the California's roads
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Cleaner Energy, Cleaner Environment

Demand Response

Utility-sponsored programs that reward customers who make short-term energy use reductions based on a trigger or signal from the utility; these reductions usually last 1-4 hours per event.

SCE: 2015 Portfolio

<p>675,872 total residential enrollments</p>	<p>20,398 total commercial enrollments</p>	<p>Approx. 1,453 MW of eligible resources for electricity usage reduction if needed</p>
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Demand Response: Save Power Days – 2015 Results

- On any weekday when electricity demand is relatively high, SCE can call a Save Power Days “event” between 2 to 6 p.m. asking customers to conserve electricity.
- All SCE customers enrolled in Save Power Days have the option to earn up to \$0.75 for every kilowatt-hour reduced during the event (based on the customer’s average weekday usage from 2-6 p.m.).

8
Save Power Day events

380,623
homes participating

30.4 MW
total power savings
per event

Demand Response: Summer Discount Plan – 2015 Results

- A popular demand response program that lets participants earn up to \$200 in bill credits over the summer
- Allows SCE to remotely turn off (or “cycle”) a customer’s air conditioner as needed
- Customers choose their incentive level by deciding how often — and for how long — they permit SCE to cycle their air conditioner during these events

12,100
new enrollments

Total participation:
301,515
customer accounts

12.6 MW
of power savings per event
by new 2015
enrollments



“We are inspired by Edison International’s commitment to educating young people, protecting the environment and supporting organizations that help meet the needs of underserved populations. The L.A. Conservation Corps is thankful to Edison for their partnership and for continuously helping us to transform young lives and enhance our communities.”

– **Wendy Butts**
CEO, L.A. Conservation Corps

To Protect and Conserve

Biodiversity and Habitat Protection

SCE supports species and habitat conservation by minimizing environmental impacts through proper project siting, design, and construction methods, conserving lands for endangered species, and engaging government agencies and environmental organizations. The external outreach provided by SCE educates the public on environmental issues, including what they can do to help.

SCE reduces the impact of its projects on habitats which are home to endangered and sensitive species by acquiring and protecting lands, and restoring lands that have been temporarily disturbed. The company has provided for the restoration or long term conservation of thousands of acres of habitat for its projects.

Conserved areas include habitat types that are home to the desert tortoise, least Bell's vireo, Coachella Valley fringe-toed lizard, California tiger salamander, California gnatcatcher, and other sensitive species.

During 2015, SCE increased its commitment to making more of our facilities avian-safe facilities. SCE has provided funding to various organizations and agencies to support their conservation and outreach efforts. One example is the Ojai Raptor Center, which rehabilitates injured birds such as red-tailed hawks, owls and others for release back into the wild. Birds that cannot be released may be used as part of ORC's educational and outreach programs.

One of the ways SCE minimizes project impacts to bird species during construction is by establishing disturbance-free areas around nests with eggs or young. Since the beginning of 2015, the company identified and protected nesting golden eagles, red-tailed hawks, burrowing owls, kingbirds, swallows, and many other common and sensitive species.

At times, SCE has halted construction activities and consulted with the U.S. Fish and Wildlife Service and the California Department of Fish and Wildlife to ensure we use the most effective means to protect nesting birds.



SCE's biology team works together with our Transmission & Distribution organization to rescue wildlife found within our facilities and rights-of-way. The biology team frequently gets calls from SCE's field staff, the public and government agencies regarding wildlife on or near our facilities. The best result is to make sure they are safe in the wild if they are uninjured, or to take them to a wildlife rehabilitation facility if they need care.

Newly created in 2015, the Desert Tortoise and Sensitive Herpetofauna Protection Program is standardizing SCE's approach to compliance when encountering protected amphibians and reptiles. For new projects and operations and maintenance activities, ensuring compliance with all environmental laws and regulations is of the utmost importance to SCE, as is making sure work is conducted in the most cost-effective, safe, and efficient manner.

To Protect and Conserve

One of the ways the company is meeting these objectives is by creating standardized species-specific avoidance and minimization measures that can be used for a wide variety of different project types, from replacing a single wood pole to building large transmission projects and everything in between.

Striking the delicate balance of keeping the lights on while ensuring the protection of these species in such a complex regulatory environment requires close coordination between many departments within SCE.

Read more at:

[Major SCE Fossil Find to Get Its First Public Viewing](#)

[Desert Tortoise Wins as SCE Goes the Extra Mile to Protect Endangered Species](#)

[Environmental Action at Edison: Protection & Preservation](#)

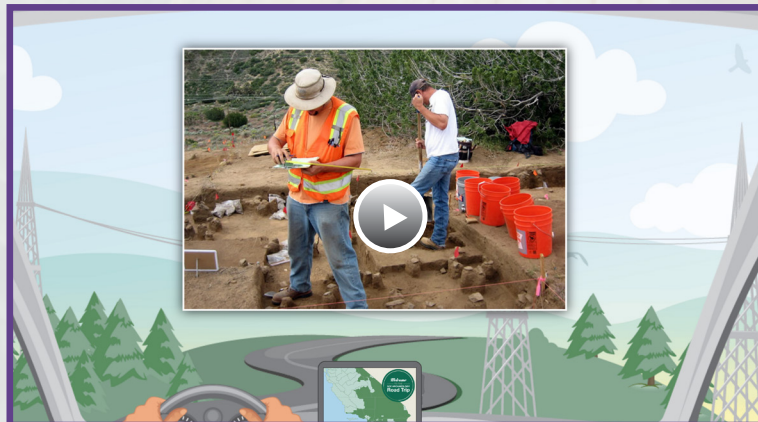
[Maintaining Historic & Cultural Artifacts for Generations to Come](#)



Experience
SCE's interactive features



Herpetology World



Archaeology Road Trip



Avian Protection Training

To Protect and Conserve

California State Parks Foundation

The California State Parks Foundation, dedicated to protecting, enhancing and advocating for the state’s magnificent parks, is one of Edison International’s environmental partners. In 2015, our company supported the Foundation’s Park Champions Program, in which volunteers committed to organizing groups of workers in specific parks are trained to provide consistent, sustainable volunteer support in park maintenance and beautification. The Park Champions provide reliable, ongoing volunteer support and host volunteer workdays in state parks across California, including 11 in SCE’s service territory. During the calendar year, Park Champions finished a total of 160 workdays, including 48 workdays at state parks within SCE’s service territory.



Read more at:

- [Volunteers Help Monitor Recovery of Storm-Battered Catalina Island Reef](#)
- [Technologies That Clear Forest of Flammable Debris on Display at Shaver Lake](#)
- [Students Raise, Release Sea Bass in Innovative STEM Program](#)
- [Volunteers Restore San Gabriel Mountains Trail for National Get Outdoors Day](#)

48 Workdays on Projects Within SCE’s Service Area

Rio de Los Angeles State Park		
Habitat restoration and landscaping		11 Days
Baldwin Hills Scenic Overlook		
Habitat restoration and landscaping		10 Days
Chino Hills State Park		
Trail maintenance		7 Days
Gaviota State Park		
Trail maintenance		6 Days
Carpinteria State Beach		
Structure repair and painting		3 Days
Mount San Jacinto State Park		
Trail maintenance		3 Days
Topanga State Park		
Trail maintenance and painting		3 Days
Silverwood Lake State Recreation Area		
Trail maintenance		2 Days
Colonel Allensworth State Park		
Walkway installation		1 Day
Millerton Lake State Recreation Area		
Tree planting		1 Day
Wildwood Canyon State Park		
Fence construction		1 Day

To Protect and Conserve

Discovery Agents

Beginning in 2013, Edison International has provided funding support for the development of Discovery Agents “missions” aimed at helping young people ages 8-to-14 connect with nature, educate them about their local environment, and promote physical activity. Discovery Agents is a mobile game application (“app”) developed by Community Partners, a non-profit organization, for the U.S. Get to Know Program.

Youngsters download the Discovery Agents app to their smartphones or tablets to become a “secret agent” and head outdoors on environmental “missions” that feature interactive content about species at risk, biodiversity watersheds, forest fire cycles, trail restoration and conservation/forest management issues. The game reinforces educational programs currently offered by the U.S. Forest Service at “mission” sites.

In 2016, Edison International awarded a grant to the U.S. Get to Know Program to help launch a new Discovery Agents mission in SCE territory – at Eaton Canyon in the San Gabriel Mountains National Monument. Previous missions in SCE territory that received Edison International support include:

- Angeles National Forest’s Grassy Hollow Visitor Center
- Trabuco Ranger District’s San Juan Loop
- San Gabriel Mountains National Monument’s Chilao Visitor Center
- Cleveland National Forest’s El Cariso Trail

Council for Watershed Health

As drought conditions continue to plague California, organizations such as the Council for Watershed Health continue to play key roles toward better stewardship of the water-stressed region’s watersheds through education, research and planning. Edison supported the Council for Watershed Health’s Healthy Communities — Healthy Watersheds initiative, which measures, educates and communicates issues of watershed health in Southern California.

The program is focused on identifying a suite of indicators that assess watershed health for the Los Angeles and San Gabriel rivers and best communicate status and trends in these two iconic rivers. This initiative will provide information to share with various stakeholders so they can be better watershed stewards in their communities and understand how good watershed management will improve their lives.



To Protect and Conserve

San Gabriel Valley Conservation Corps

Edison International partners with the San Gabriel Valley Conservation Corps (SGVCC), whose mission is to develop and transform disadvantaged youth in the San Gabriel Valley by providing academic, vocational and leadership development while also employing them to provide valuable services to improve their communities and the natural environment.

The Edison-sponsored Earthworks Farm Healthy Harvesters program allowed 36 youths to learn about organic farming and another 689 youths to take the harvest tour classes. The students were introduced to organic farming, environmental science, how food grows and how it looks and tastes. During their farm class, the students toured the fields and learned about the ecological systems of a natural habitat, including water and environment conservation. A total of 1,230 volunteer hours were donated to the farm and 2,320 pounds of produce was donated to charitable organizations.



The San Gabriel Valley Conservation Corps' Earthworks Farm was designed to promote sustainable agriculture and teach organic farming to area residents. Because it is an organic farm, weeds grow back fast and so the farm relies on volunteers, like these from SCE, to help with weed removal.

L.A. Conservation Corps

The L.A. Conservation Corps' primary mission is to provide at-risk young adults and school-aged youth with opportunities for success through job skills training, education and work experience with an emphasis on conservation and service projects that benefit the community.

In 2015 and 2016, a grant from Edison International supported LACC programs that provide construction training and certification (YouthBuild); industry-specific training in environmental remediation (Brownfields); and training to be informal educators in marine science at the SEA Lab in Redondo Beach, a hands-on science center dedicated to marine conservation and education programs.

The YouthBuild and Brownfields programs prepared more than 100 at-risk young adults to compete for jobs in the construction or environmental remediation industries. And during the 2015-2016 academic year, LACC members led an estimated total of 10,000 visitors through guided tours of the SEA Lab.





“Strong partnerships are what make the most impact in the lives of the members and families we serve daily. Edison, and specifically the Native American Alliance employee resource group, have played a huge role in supporting our youth development programs and club beautification projects, as well as providing energy-saving upgrade programs.”

– **Todd D. Trout**
Chief Professional Officer, Boys & Girls Club of Buena Park

Peak-Performing Employees

Workforce Diversity

At Edison International, diversity strengthens who we are and how we approach our work every day. Our workforce reflects the spectrum of ethnicities, ages, abilities, gender, and sexual orientations across the communities we serve.



59% of new SCE hires in 2015 were ethnic minorities



49% → 57% of SCE nonwhite employees from 2006 → 2015



In 2015, 44% of SCE managers and supervisors were ethnic minorities



In 2015, 30% of SCE executives were women

**Revisions to metrics included in previous reports*

***Revisions to metrics included in previous reports; beginning this year, "Management" (defined as managers and supervisors) and "Executives" are broken out separately. The new reporting method has been applied to 2013 and 2014 metrics.*

	12/31/2015	12/31/2014	12/31/2013	
Full-time employees Edison International	12,777	13,699*	13,691*	
Collective bargaining unit/union members (pct. of workforce)	29%	29%	29%	
SCE Workforce Diversity (pct. of workforce)	White	43%	43%*	43%
	African-American	8%	8%	8%
	Hispanic/Latino	31%	31%*	31%
	Asian	13%	13%	14%
	American Indian/Alaskan Native	1%	1%	1%
	Pacific Islander/Native Hawaiian	<1%	<1%	1%
	Two or more races	2%	2%	2%
	Minorities as pct. of workforce	57%	57%**	57%
Minorities as pct. of management	44%	45%**	45%**	
Minorities as pct. of executives	29%	30%	27%	
Females as pct. of workforce	32%	32%	33%	
Females as pct. of management	23%	31%**	24%**	
Females as pct. of executives	30%	30%	30%	
Pct. of Employees eligible to retire in 10 years	35%	34%	33%	

Peak-Performing Employees

Employee Volunteerism

Edison makes every effort to be an engaged corporate citizen in the communities it serves. Employees take pride in being a part of the fabric that helps strengthen their neighborhoods and eagerly participate in opportunities to give back through their participation in the annual employee giving and volunteer campaigns; memberships in employee resource groups (ERGs); participation in the year-round Matching Gift Program; and employee-led fundraising/donation drives.

In 2015, employees donated \$1.5 million through the annual Edison International Employee Giving Campaign and volunteered more than 168,000 hours on community projects that benefit the underserved.

168,733

Edison employee volunteer hours in 2015

Read more at:

- [Tradition of Volunteerism Strong Among SCE Employees](#)
- [Edison Volunteers Help Fight to End Hunger and Homelessness for Veterans](#)
- [A Helping Hand and a House for Our Veterans](#)
- [Volunteers Help Monitor Recovery of Storm-Battered Catalina Island Reef](#)
- [Local Nurse Realizes American Dream of Homeownership](#)
- [L.A. Special Olympics World Games Brings Out the Fans](#)
- [Volunteers Call Special Olympics a Pursuit of Passion](#)
- [Conservation Corps Gives Military Vets a New Direction in Civilian Life](#)
- [Building Homes for the Impoverished Around the World](#)



Peak-Performing Employees

Employee Resource Groups

For more than 40 years, Employee Resource Groups (formerly Affinity Groups) have provided a forum for SCE employees to bring voice to issues that impact the business, workplace and marketplace. Today, SCE supports 10 ERGs with more than 3,000 members.

The groups represent a range of cultures, generations, ethnic groups, sexual orientations, as well as those focused on issues such as employee safety and the environment. These highly committed and engaged employees aim to drive an inclusive and productive work environment, while creating a sense of community and work culture where all people are acknowledged, enabled and given opportunities to contribute to drive business objectives and goals.

ERGs provide members with resources for professional development, and opportunities to meet with company leaders, while fostering an environment of continuous learning that contributes to increased employee engagement.

This year, ERGs provided mentorships, cleaned up communities, built emergency preparedness kits, and prepared and distributed food to needy seniors.

\$96,000

in 2015 charitable donations by SCE
Employee Resource Groups

Read more at:

[Going the Extra Mile for Education](#)

[Urban Farm Gets TLC From Volunteers](#)

[Volunteers Restore San Gabriel Mountains Trail for National Get Outdoors Day](#)

[Care Packages for Our Troops](#)

[High School Program a Game-Changer for Underserved Students](#)

ERG Community Outreach and Giving

During SCE's annual Season of Service campaign, each ERG identifies a non-profit organization to which it contributes a \$5,000 Edison International grant as well as volunteer services. In partnership with Edison International's Corporate Philanthropy organization, the ERGs donated \$60,000 in grants, in addition to \$36,000 raised through various fundraisers and events, for a 2015 total of \$96,000 in charitable donations.

Lighthouse

The Lighthouse ERG promotes an inclusive work environment for employees, including advocacy for lesbian, gay, bi-sexual, transgender (LGBT) employees. In 2015, Lighthouse represented SCE in three pride parades: Long Beach, Palm Springs and West Hollywood. Almost 200,000 were in attendance between the three events. This is the first time in more than 10 years that Edison has participated.

Native Americans Alliance

The Native Americans Alliance ERG participated in a beautification project at the Boys & Girls Club in Buena Park, where some 20 Edison employees and their families helped clean up the property and painted a building used for providing dental services to the community.

LEAD

Latinos for Engagement, Advancement and Development (LEAD), which serves as a resource for SCE's Latino employees, partnered with Catholic Big Brothers Big Sisters at a "Bowl for Kids' Sake" fundraiser in El Monte. LEAD members and their families also provided mentorship for 23 at-risk children at this event.

Peak-Performing Employees

X-Change Program

X-Change is SCE's grass-roots, employee-driven continuous improvement program that engages employees at all levels of the company to initiate change. Employees identify problem areas or inefficiencies in their day-to-day work, submit their process improvement ideas to the X-Change program, and implement their improvement with support from the X-Change team.

The program enables employees to deliver tangible results, providing an environment that drives a culture of continuous improvement, increases collaboration, and challenges the status quo through coaching, connecting the dots, and removing barriers.

The X-Change program focuses on leveraging employee talents to make improvements. Each program session lasts about three months; more than 100 employees have participated to date. Some examples of projects include: reduction of printing and paper usage, simplified advice letter templates, and improvement of employee data inconsistencies.



Customer Advisory Panels

Throughout the year, SCE convenes customer advisory panels which facilitate dialogue and build relationships with leaders from key customer segments. These forums allow SCE to establish a meaningful dialogue with opinion leaders among consumer groups, community-based organizations, environmental groups, educational institutions, economic development organizations, large commercial and industrial customers, small business customers, civic groups, and local government.

Each panel is made up of 15-25 members and meets up to three times a year. Such forums help SCE senior management gain a clearer, face-to-face understanding of issues that are critical to each constituency. At the same time, SCE leaders use the forums as sounding boards for prospective company initiatives and policies, and to bring greater awareness and clarity around SCE's positions on issues such as rate reform, infrastructure investment, community sustainability and more.

SCE Customer Advisory Panels

Consumer Advisory Panel (CAP)

Government Advisory Panel (GAP)

Business Advisory Panel (BAP)

Small Business Advisory Panel (SBAP)

California Large Energy Consumers Association (CLECA) Advisory Panel

California Manufacturers & Technology Association (CMTA) Advisory Panel

Peak-Performing Employees

Edison Energy Group Philanthropy

The Edison International family of companies has a long, proud history of giving back to the communities it serves. The newest member of that family, Edison Energy Group and its operating companies, already has an established track record of support for their communities, featuring a variety active philanthropy programs and community involvement efforts.

SoCore Energy: SoCore employees are passionate about giving back to the community by lending their time and services in a number of ways, from volunteering at local soup kitchens to cleaning up parks to teaching elementary school students about sustainability.

Chicago-based SoCore collaborated with several organizations to bring high-speed internet connectivity to all residents of a South Shore Chicago neighborhood. By equipping the Windsor Park Evangelical Lutheran Church with hardware and a broadband system, powered by solar panels, the site is now a public WiFi hub for many community members who were not connected to the internet and now have access to this essential service.

In 2015, SoCore employees developed a solar education program, **Solar House Community Education**, to teach in local schools and the community. In addition, a group of employees are currently mentoring at-risk high school students for two hours once a week. They work on projects together and teach such topics as decision-making, planning and execution, organization, and teamwork.

SoCore's 2015 volunteer efforts included participation in:

- The Respiratory Health Association's **Hustle Up the Hancock** event, raising money to support healthy lungs and fight lung disease;
- The **Special Olympics** field hockey competition for over 200 special needs high-school students; and,
- **Food and Necessity Drive**, a holiday season giving event to donate toys, canned goods and necessities to Lurie's Children's Hospital and the Greater Chicago Food Depository.

With a shared commitment to community service and a collective passion for health and wellness, Edison Energy Group's New Jersey team paired up with Special Olympics NJ to create One More Tri, the first sprint triathlon fundraiser where typical athletes and Special Olympics athletes could compete side-by-side. The event has grown from a local fundraising event to a state championship/fundraiser. Nearly all New Jersey employees have participated in One More Tri by either competing, volunteering, spectating or fundraising.

Edison Energy Group's Ohio management team and employees maintain a relentless focus on giving back, resulting in the company receiving the "Medical Mutual Award for Community Service" over the last five years, which recognizes a company's "commitment to strengthening the bond between the for-profit and nonprofit worlds."

The team chooses causes that are close to the people in their communities, finding creative ways to contribute their time, talent and money to advance the goals of those organizations and improve the lives of the people they serve. The Ohio team actively contributes to the Make-A-Wish Foundation, Ronald McDonald House, the American Red Cross, United Way Centraide Canada and the Canadian Red Cross. In addition, the team participates in events such as the central Ohio Down Syndrome 5K Race, as well as conducting various food, clothing and school supply drives throughout the year. Through an employee-funded "jeans day" program, they sponsor other charities jointly with their clients.

Edison Energy Group's Boston employees participated in the JP Morgan Corporate Challenge in early June in 2015. The event, which is held at various locations around the world, features a 3.5-mile race with both running and walking participants. Donations raised from the event go to support City Year, a nonprofit organization that unites young leaders to serve as tutors, mentors and role models to more than 14,000 at-risk high school students in the Boston area.

Peak-Performing Employees

Ethics & Compliance

Edison International's long-term success rests on employees accepting personal accountability for living the company values and complying with company policies and applicable laws, rules and regulations. At Edison International, compliance is not just honoring the letter of the law, but also the spirit of the law.

The Employee Code of Conduct defines expectations of ethical behavior in specific workplace situations and helps employees find additional guidance when needed. In 2015, 100 percent of our non-represented employees certified their compliance with the Employee Code of Conduct, and over 99 percent of employees completed Ethics and Compliance training.

Edison International expects all company leaders to set an ethical tone and encourage employees to speak up and raise concerns. Leadership training helps managers and supervisors know their role and responsibility in complying with laws, regulations, and company policies, as well as demonstrating and promoting a strong ethical culture in their work groups.



Edison HelpLine

Employees are encouraged to seek advice or report concerns of misconduct to their immediate supervisors or managers. If they do not feel comfortable doing so, employees can call the Edison HelpLine or visit a dedicated website to report these concerns or to seek advice. The HelpLine is available 24-7.

When contacting the HelpLine, employees can choose to identify themselves or remain anonymous. Allegations of misconduct or violations of the Employee Code of Conduct or company policy are taken seriously and investigated promptly and efficiently in a fair and objective manner. Everyone involved in the investigation process is treated professionally and with respect. If an allegation of misconduct is substantiated, appropriate corrective action is taken. In addition, Edison International does not tolerate retaliation against anyone for making a report or for seeking advice.

Edison HelpLine – 2015 Results

Total Contacts: 1,351 (+7% vs. 2014)

- **Anonymous Contacts:** 386 (29%) • -26% vs. 2014
- **25%** of contacts reported Ethics and Compliance Code concerns (e.g., conflict of interest, discrimination, harassment, retaliation, etc.)
- **39%** of contacts sought advice about potential Ethics and Compliance Code concerns
- **23%** of all contacts were assigned for investigation
- **26%** of concerns investigated and closed were substantiated

Peak-Performing Employees

Ex Parte Compliance

To ensure that all communications between SCE and the CPUC are handled appropriately, and to demonstrate that we are committed to open and fair communications with our regulators, SCE's Ethics and Compliance unit has established new procedures, a new company policy, and new mandatory training courses.

Procedures and Policy: In September of 2014, two procedures were introduced to ensure continued compliance with the CPUC's ex parte rules, as well as a new tool, the Ex Parte Communications Log.

- Approval from SCE's Law department is required if any employee plans to engage in any communication with a CPUC decision maker about a pending rate setting or adjudicatory proceeding; and,
- If a CPUC decision maker initiates a substantive communication with an SCE employee about a pending proceeding that is either covered or potentially covered by the ex parte rules, employees are required to promptly report the conversation to the Law Department.

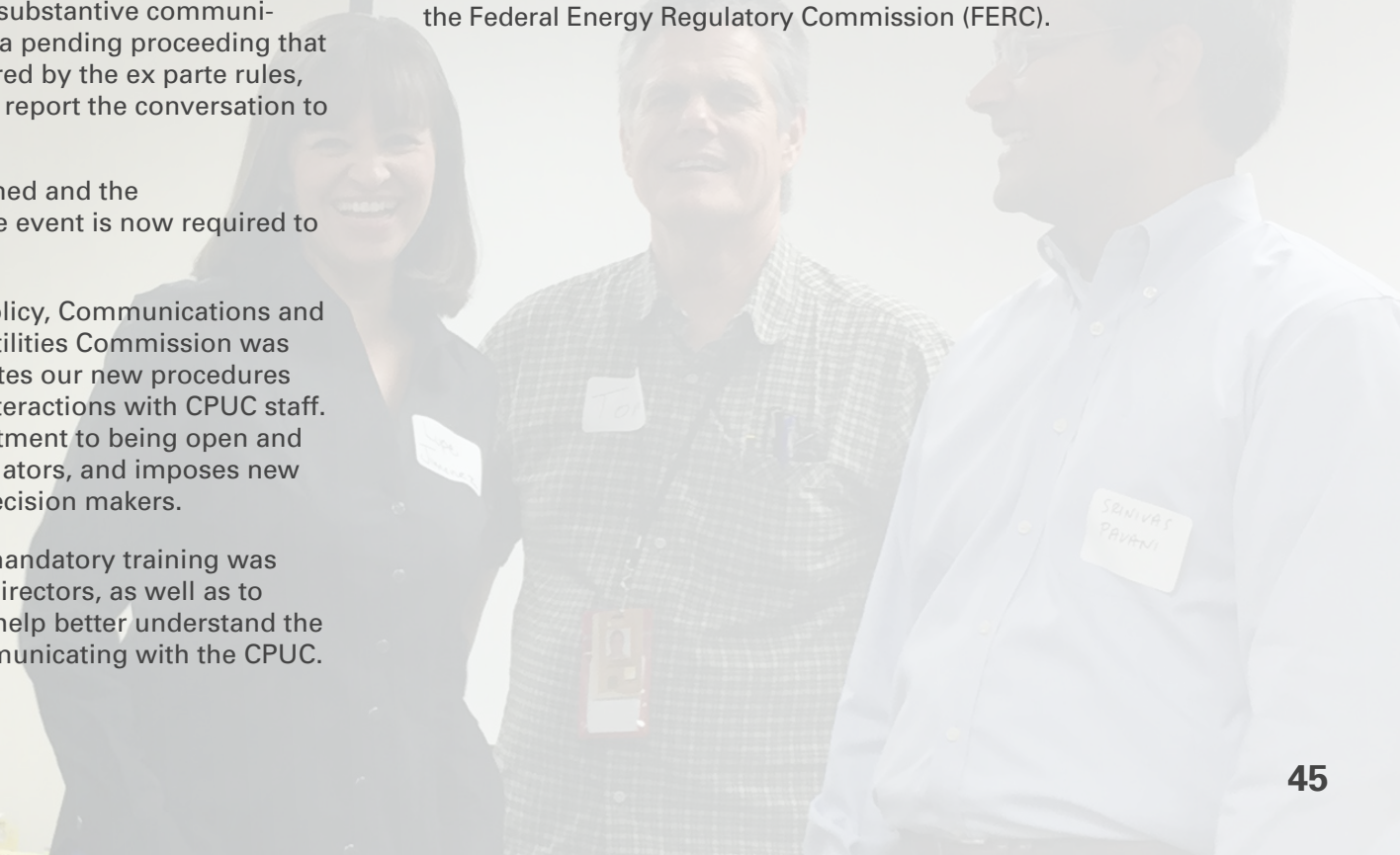
Once Law department approval is obtained and the communication has been completed, the event is now required to be recorded in the Log.

On February 2, 2015, a new company policy, Communications and Interactions with the California Public Utilities Commission was implemented. The new policy incorporates our new procedures and reinforces existing limitations on interactions with CPUC staff. Additionally, it reestablishes our commitment to being open and fair when communicating with our regulators, and imposes new limitations on interactions with CPUC decision makers.

Required Training: In October of 2014, mandatory training was provided for EIX and SCE Officers and Directors, as well as to selected supervisors and employees to help better understand the rules and restrictions that apply to communicating with the CPUC.

In March of 2015, another mandatory training was provided to SCE and EIX employees who intend to initiate communications with CPUC decision makers, or who interact with employees of the CPUC. Titled "Good Practices When Communicating and Interacting with the California Public Utilities Commission," the training provided targeted employees with the knowledge and skills necessary to comply with the company policy including reporting requirements, best practices, policy overview, and legal restrictions on gifts to public officials.

SCE's Ethics and Compliance unit is developing a new, mandatory web-based training course titled "Communications and Interactions with Regulators." This new training module will cover interactions and communications with the CPUC and other regulators such as the Federal Energy Regulatory Commission (FERC).





“The reliability of electric power for our restaurants is critical to our company meeting its sales and growth goals. Not only do we experience loss of sales when there is a power outage, but also loss of product and wasted labor hours. All of this affects the restaurants’ bottom line. SCE’s efforts to continually improve power reliability have a real impact on companies like ours.”

– **Juliann Rogers**
Director of Energy, CKE Restaurants Holdings Inc.

Reliability, Flexibility and Resiliency

Distribution System Investments

SCE is continuing its investment strategy to strengthen and modernize the grid, especially its distribution system, the electrical link between substations and our customers. The company is expanding accessibility for solar and other green power generation interconnection at any point on the grid, and delivering the increasing power demands of modern homes and businesses.

SCE continues to improve reliability by identifying opportunities to replace older equipment with new, automated and updated models that allow for more options to provide power during storms or other natural events, and the overall need for more electricity to run homes and businesses.

SCE's ongoing pole inspection program aims to test the more than 1.4 million poles in our service territory. In 2015, SCE conducted just under 300,000 inspections, an increase of more than 60 percent over 2014. These inspections led to proactive replacement of more than 35,000 deteriorating poles and poles requiring upgrade to support larger equipment.

Nearly **300,000**
Poles Tested

More than **35,000**
Poles Replaced

540 Conductor-miles
of distribution underground
cable replaced

220 Underground vaults
and manholes replaced

Reliability, Flexibility and Resiliency

4kV Cutovers

As part of Edison's long term plan to upgrade and modernize its grid, the 4kV Substation Elimination Program addresses the growing and serious problem of aging 4kV substation equipment by transferring (i.e., cutting over) all of a substation's 4kV circuits to neighboring 16kV circuits.

In 2015, SCE completed 32 4kV cutovers driven by infrastructure replacement needs, and 34 driven by load growth for a total of 66. The 2016 targets are 31 and 21 (respectively) for a total of 52.

For example, circuits in Manhattan Beach out of El Porto substation were transferred from a 4kV to 16kV (approx. \$16 million investment) and completed in 2015, as well as the circuits out of Maywood and Cudahy (approx. \$24 million investment). SCE upgraded service to residents in the city of Covina by cutting over the Barranca 4kV at Covina substation to 12kV (approx. \$3.2 million investment).



Reliability, Flexibility and Resiliency

Vault Replacements

Of the 220 underground structures (vaults and manholes) replaced in 2015, nearly half (104) were located in five areas: **South Bay, Compton, Santa Monica, Long Beach,** and **Whittier.**

Underground Cable

Of the 540 conductor miles of underground cable replaced, one third (176 conductor miles) were in the Orange County areas of **Saddleback, Huntington Beach, Fullerton,** and **Santa Ana.**

New Circuits

SCE invested approximately **\$2.5 million in a new 12kV circuit for the cities of Monrovia and Duarte,** and approximately **\$2.9 million in a new 12kV circuit for the cities of Whittier and Pico Rivera,** to add grid capacity and meet growing demand in these areas. The circuits also add switching flexibility, which improves reliability and can shorten outage times as well as isolate the outage to fewer customers.

Targeted Upgrades

SCE also identifies regions for concentrated infrastructure upgrades and investment. 2015 examples include:

Covina: SCE invested **over \$5M replacing 20+ miles of aging overhead conductor to improve service and reliability, and replace aged infrastructure.**

Long Beach: Due to the growing infrastructure at the Port of Long Beach Pier F, SCE extended an existing 12kV circuit out of Pico substation, and corrected overloads on two existing circuits to improve reliability and quality of service. **Extensive coordination of outages took place to install 3,000 feet of new underground cable and 1,350 feet of new underground conduits and structures (approx. \$1.8 million investment).**

Read more at:

[Linemen Take Flight to Upgrade Transmission Lines](#)

[SCE's Infrastructure Upgrades Keep Pace with Growing Community of Hanford](#)



Reliability, Flexibility and Resiliency

Reliability Performance

Key terms:

Momentary outage: Power outage lasting five minutes or less

Sustained outage: Power outage lasting longer than five minutes

MAIFI (System Average Interruption Frequency Index): Number of momentary outages experienced by the average customer in a year.

SAIFI (System Average Interruption Frequency Index): Number of sustained outages experienced by the average customer in a year.

SAIDI (System Average Interruption Duration Index): Cumulative duration of sustained repair outages experienced by the average customer in a year.

CAIDI (Customer Average Interruption Duration Index): The average outage duration any given customer would experience; also, average time to restore service.

CAIFI (Customer Average Interruption Frequency Index): The average number of interruptions per customer interrupted per year.

	2013	2014	2015
MAIFI: Average Number of Momentary Outages (Occurrences)	1.18	1.23	1.29
SAIFI: Average Number of Sustained Repair Outages (Occurrences)	0.88	0.86	0.86
SAIDI: Average Time Without Power: Sustained Repair Outage (Minutes)	94.48	92.30	100.15
CAIDI: Average outage duration any given customer would experience (Minutes)	107.85	106.82	116.56
CAIFI: Average Number of Interruptions per Customer Interrupted (Occurrences)	1.71	1.73	1.70

Reliability, Flexibility and Resiliency

Business Resiliency

The definition of business resiliency used at Edison is “the ability of an organization’s business operations to rapidly adapt and respond to internal or external dynamic changes – opportunities, demands, disruptions or threats – and continue operations with limited impact to the business.”

To support emergency preparedness, SCE conducted 45 exercises in 2015 to build enhanced capabilities leading up to a series of five externally evaluated cyber/physical security exercises using the Homeland Security Exercise Evaluation Program (HSEEP) criteria. The centerpiece of the series was a Full Scale Exercise on October 28, 2015, involving 350 employees on Incident Management Teams across 10 locations, as well as 35 evaluators and 100 representatives from external stakeholders.

Using the HSEEP weighted scale of 1-5, SCE earned an overall score of 3.92 (passing grade > 3.5), including a 4.0 for the Full Scale Exercise.

Full Scale Exercise: October 28, 2015

External Stakeholders included:

- CA Office of Emergency Services
- U.S. Department of Homeland Security
- U.S. Department of Energy
- U.S. National Guard
- U.S. Marine Corps
- Federal Bureau of Investigation
- CA Highway Patrol
- U.S. State Department
- North American Electric Reliability Corporation

Security for Facilities

Through the continual assessment of the security landscape and recent events, SCE Corporate Security monitors evolving threats to our company, including deliberate physical or cyber-attacks to the electrical infrastructure. SCE Corporate Security partners with internal operating units to assess and revalidate the necessary protections required at critical substations and data centers, and to support the delivery of safe and reliable power to SCE customers.

Corporate Security’s efforts have been integrated with the implementation of the North American Electric Reliability Corporation’s new Critical Infrastructure Protection Standard (CIP 014). This Standard sets forth guidelines for the increased protection of transmission stations, transmission substations, and their associated control centers from physical attacks. The Standard further supports our efforts to effectively protect SCE, its people, facilities, and infrastructure from threats, disruptions, and security vulnerabilities.



Reliability, Flexibility and Resiliency

Long Beach Outage

On July 15, 2015, approximately 30,700 SCE customers in Long Beach lost power after two electrical circuits shut down and fires started in three underground vaults. In the interest of public safety and to enable SCE crews to make repairs, SCE turned off the downtown electrical network and some adjacent circuits. Some 22,700 customers had power restored within an hour, but more than 6,500 customers were without power for more than 24 hours, and some customers were without power for nearly 72 hours.

During restoration efforts, 50 two-man crews from SCE fanned out throughout downtown Long Beach checking upwards of 300 underground vaults block-by-block. By July 18, all customers had power either through the grid or through generators; by July 20, all of the customers on generators were reconnected to the grid.

On July 30, two different electrical circuits in Long Beach shut down and two fires occurred in underground vaults. SCE again turned off a large section of the Long Beach secondary network system, resulting in approximately 17,980 customers losing power for periods of between one and 72 hours (some customers were restored using portable generators). By August 1, all customers had power either through generators or the grid; by August 3, all customers were reconnected to the grid.

Using lessons learned from the July 15 event, SCE was able to more quickly and effectively evaluate the system interruption issues, identify and isolate the damaged cable, and re-energize the network during the July 30 event. The result was a more effective restoration effort, including a reduction of the number of customers impacted and a reduction in the duration of the outage time for the customers.

During both outages, SCE workers volunteered to hand out bags of ice, bottled water and flashlights to steady streams of residents at an improvised aid center. During the July 15 outage, SCE announced that the company would expedite its response to claims by affected customers, reviewing the merits of each customer's claim and providing a response in 30 days or less from the day the claim was received.

A series of SCE Claims Community Outreach events were held in late July and into August in downtown Long Beach, hosted by the Long Beach Small Business Development Center in partnership with city officials, and the Small Business Administration. SCE representatives helped explain the claims process to residents and business owners, and also provided information about SCE's assistance programs for low-income customers and distributed emergency preparedness materials from the American Red Cross.

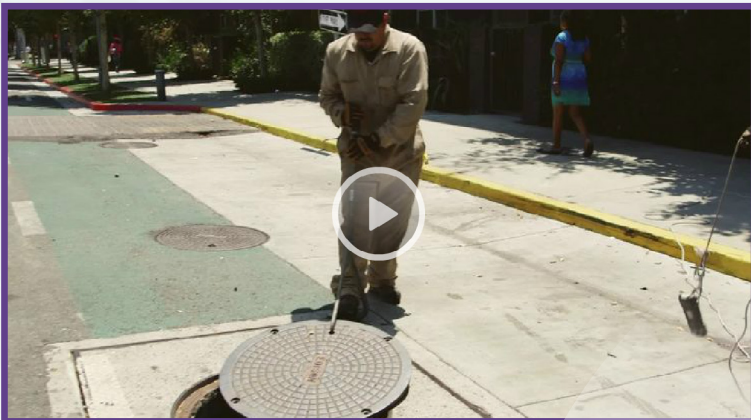
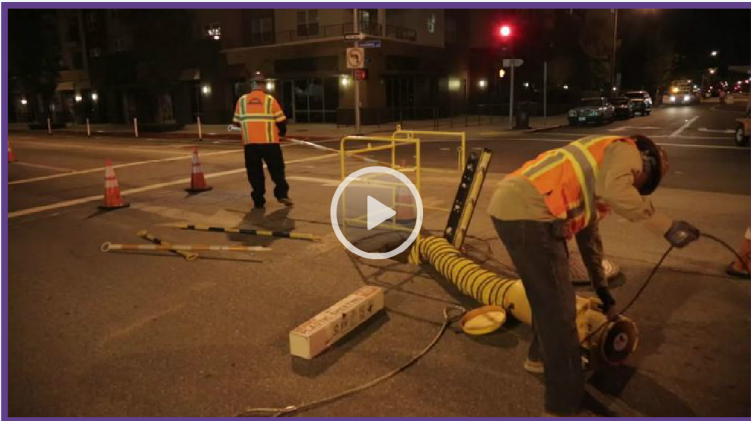
SCE specialists speaking Spanish, Korean, Chinese, Vietnamese and Khmer gave residents an opportunity to get their questions answered in person in their native language (In-language assistance was also provided by phone and online).

Two post-event studies, an SCE internal investigation and a separate independent analysis by Maryland-based Davies Consulting LLC, an expert on utility risk assessment and management, coincided in their findings that the incidents resulted from lack of adequate management oversight of the downtown network system.



The studies found that the July 15 outage began with a primary splice failure on one of the network circuits, triggering a series of events that ultimately forced the network to be shut down. The root cause of the July 30 network shutdown was damage sustained during the operation and restoration of the network during the July 15 incident.

“SCE is deeply disappointed with the issues that were discovered,” said Pete Dietrich, SCE’s senior vice president of Transmission and Distribution. “We are encouraged that the investigations have identified issues that are correctable, that we will learn from them, and that can help us improve the way we manage the network to provide the kind of service our customers should expect from us.”



SCE has undertaken a series of corrective measures based on the findings and recommendations of the two reports. These include:

- Inspecting all vaults in the affected downtown area.
- Testing all network protectors and relays, and completing inspections on substation equipment.
- Updating the network maps to reflect the improvements made during and after the two events, and the current configuration of cables and equipment.
- Completed installation of automation devices on the balance of the network protectors.
- Tethered enclosure lids for the downtown Long Beach network to better ensure public safety.

In addition, SCE has worked diligently to provide bill credits for residents and business owners impacted by the incident, paying out nearly \$3 million in claims and bill credits to date.

Read more at:

[SCE Taking Corrective Measures Following This Summer’s Long Beach Power Outages](#)

[SCE to Tether Manhole Covers in Long Beach, Issue Bill Credits](#)

[Power Restored to Long Beach SCE Customers](#)

[SCE Installs Generators, Distributes Water and Ice in Downtown Long Beach](#)

[Long Beach Residents Get Help With Filing Outage Claims](#)

[Long Beach Businesses, Residents Get Information on Filing Claims](#)

[SCE to Expedite Long Beach Outage Customer Claims](#)

[SCE Crews Restore Power to All Customers Affected by Long Beach Outage](#)

[As Crews Work to Restore Power, SCE Mobilizes to Provide Water, Flashlights and Bags of Ice](#)



Reliability, Flexibility and Resiliency

El Nino Preparedness

The 2015-16 El Niño storms were expected to be worse than any previous El Niño. SCE took unprecedented measures to prepare for the storms across its 50,000-square-mile service area. An added level of preparation was being taken in the Santa Barbara County where there were known vulnerabilities and possible impacts to SCE's electric infrastructure.

In August 2015, the utility formed a companywide El Nino preparedness team to plan for the storm season. The company also reviewed its backup equipment needs, including portable water pumps, portable generators, batteries and battery-charging systems. Equipment was strategically staged in the areas identified as most vulnerable throughout SCE's service area.

One major focus of the preparations was assuring that SCE's substations and equipment were protected. Crews removed vegetation around the substations and drains were checked to make sure they were properly cleared. Substation backup generation was tested to ensure it was functional.

The company also prioritized patrols in potential mudslide areas, ensuring that footings on towers were stable and reinforcing them where necessary.

Preparations also included coordination with county emergency departments, the state Office of Emergency Services, first responders, the American Red Cross and local city and county officials throughout the region.

An El Niño page was created on SCE.com featuring educational content in English, Spanish, Chinese, Vietnamese and Korean, and was promoted on the SCE.com home page.

Field personnel were media trained so they could act as company spokespeople before and during storms. One-on-one meetings, workshops and outage schools on El Niño planning and preparedness coordination took place with business customers and public and emergency preparedness officials at

the state, county and city levels. The meetings and workshops covered the fundamental concepts of power restoration and walked through the steps SCE would take in the event of a storm-related power outage. The interactive meetings provided a forum to share ideas and discuss any concerns.


To address specific operational concerns in the Santa Barbara area, SCE staged emergency generators at some of its substations in order to enable a quick response in the event of the loss of any portion of its transmission line capacity due to heavy rains, floods or mudslides.




An enhanced communications plan was created and executed to gain support from Santa Barbara public officials, communicate to customers what was being done to prevent extended blackouts in the region and to educate at-risk customer groups on storm preparedness actions they should take. Additionally, a media "fly along" was arranged to give customers detailed insight into how SCE was addressing the unique challenges in the area.




What to Include in Your Outage Preparedness Kit




First Aid Kit
Remember to include prescription medications & check the expiration dates




Bottled Water
At least a gallon per person per day



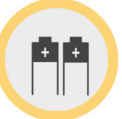
Flashlights
Store them where you can easily find them




External Rechargeable Battery Pack
These can be used to charge cell phones and other electronic devices




Battery-Operated or Hand-Crank Radio
Radios can be used to access news reports during an emergency event




Fresh Batteries
Have extra batteries for all battery-powered equipment



Non-perishable Food
Choose items that don't require cooking or heating, and have a manual can opener



Special-Needs Items
This includes items for infants, the elderly, the disabled, or pets



Coolers or Ice Chests
Have a few to store ice in case of a lengthy outage

Santa Barbara El Niño Planning

SCE took extra measures to prepare Santa Barbara for El Niño because of the community's isolated location. The effort included:

- Installing 41 generators at substations to provide temporary emergency power.
- Developing a severe weather monitoring, preparation, response and restoration plan specifically for the Goleta system.
- Arranging to keep NRG's Ellwood Generating Station available until at least April for emergency power.
- Reconfiguring its 66-kilovolt tie lines to handle 150 megawatts of power for up to four hours a day instead of their standard 100 megawatts.
- Implementing pre-storm preventive mitigation like using plastic sheeting, berms, sand bagging and tying footings together.

Read more at:

[Gearing Up for El Niño](#)

[El Niño is Their Moment in the Sun](#)

[SCE Prepares for El Niño in Santa Barbara](#)

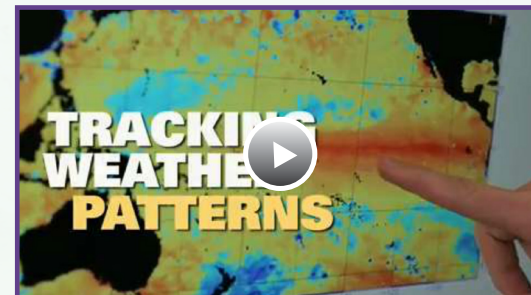
[Keeping Mother Nature from Branching into Power Lines](#)

[Forest Falls Outage Highlights SCE's Partnership With Local](#)

[Government During El Niño](#)

[SCE Reaches Out to Seniors at El Niño Preparedness Events](#)

[SCE, Red Cross Partner for El Niño, Outage Preparedness Workshop](#)





“SCE’s Preferred Resources Pilot serves as a template for the future. My hope is that one day we will look back at this as where holistic, sustainable and integrated electricity programs truly began.”

– **Joseph Lyou, Ph.D.**
President and CEO, Coalition for Clean Air

The Next Generation Power Network

Distribution Resources Plan and Grid Modernization

On July 1, 2015, SCE filed a proposal with the CPUC describing its vision of the power network of the future and the changes necessary to transform the current grid to realize that vision.

Formally called the **Distribution Resources Plan**, the proposal identifies a variety of distributed energy resources (DERs), such as rooftop solar, battery storage, electric vehicle charging, energy efficiency, and smart usage rewards (demand response). The plan takes into consideration how these resources can be incorporated into what has been a one-way electric system.

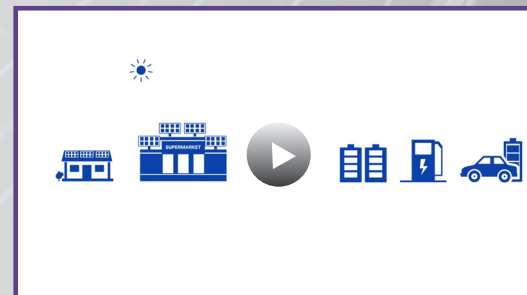
The power system of the future will accommodate two-way power flow, with customers who can both consume electricity supplied by SCE, and also produce their own energy locally. The Distribution Resources Plan is a roadmap of how SCE intends to modernize the grid, providing detailed descriptions of the following:

- Methodology and tools for identifying optimal locations on the grid for interconnecting DERs;
- Modernization of system planning tools, design and operations;
- Supporting the “Plug and Play” concept in which customers can seamlessly interconnect technologies into the grid – whether they are a rooftop solar installation, battery storage, plug-in electric vehicle chargers, or other technologies still in development; and,
- Technology recommendations (information technology, communications, voltage controls, automation, etc.).

Tomorrow’s digital and distributed power grid will manage both centralized generation and local generation incorporating hundreds of thousands of DERs. SCE anticipates the development of local retail markets, which will be a platform for aggregated DERs to provide grid services. These markets could include both aggregators and direct participants who will provide services in order to maximize their value. Future markets may also include multiple customers and devices interacting in micro-transactions to share supply and demand across the grid.

Read more at:

[A New Game Plan for the Future of Electricity](#)



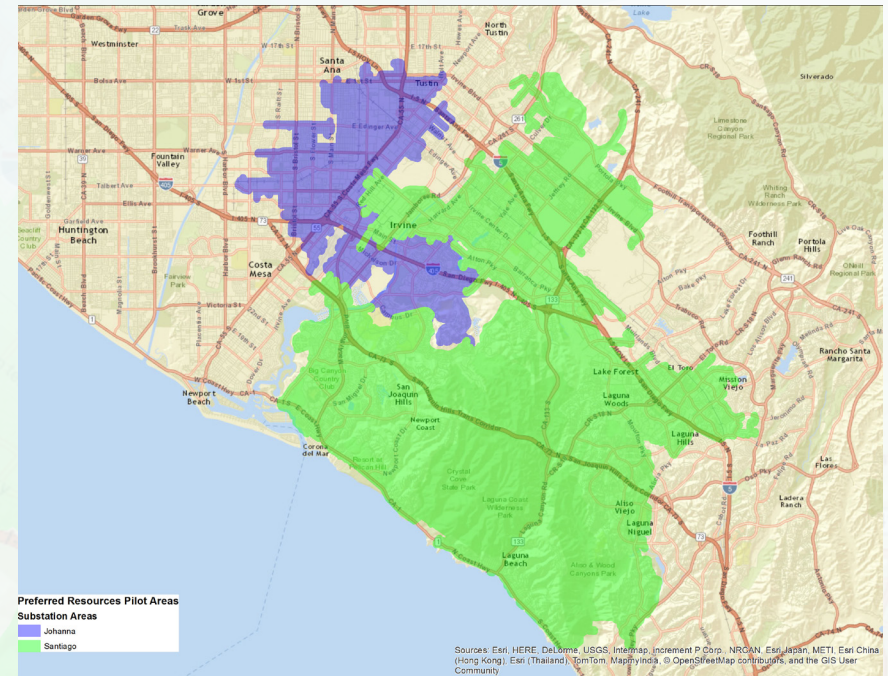
The Next Generation Power Network

Preferred Resources Pilot

Can distributed energy resources (DERs) perform with the same reliability as a traditional power plant? This question is top-of-mind with utilities, policy makers and market resource providers. In 2013, SCE launched the Preferred Resources Pilot (PRP) to test the ability of DERs to safely, reliably and affordably serve the electrical needs of customers in a real-world environment.

The PRP is examining if and how the use of a diverse mix of “preferred” clean energy resources – including energy efficiency, demand response, renewable energy and energy storage – can offset up to 300 MW of increasing customer demand for electricity in a densely-populated area.

The project is taking place in the Orange County region of Southern California, encompassing 13 cities and 250,000 residential and commercial customers. This first-of-its-kind attempt, using clean energy resources to meet localized power needs in a major U.S. metropolitan area, has implications beyond SCE’s service boundaries.



Preferred Resources Defined

Preferred resources are a prescribed resource loading order by the state of California to meet energy needs. Energy efficiency and demand response are first, followed by renewable sources and clean distributed generation. For purposes of the Preferred Resources Pilot, SCE’s definition of preferred resources includes energy storage, since it is an important enabler to address intermittent resources such as solar.

Read more at:

[Preferred Resources Pilot \(Edison.com\)](#)

[Preferred Resources Pilot \(SCE.com\)](#)

The Next Generation Power Network

Charge Ready Pilot

SCE's Charge Ready program is a \$22 million pilot project to accelerate the installation of EV charging stations and support the governor's environmental goal of having 1.5 million zero-emission vehicles on the road in California by 2025.

The pilot launched on May 27, 2016. SCE will help non-residential customers install 1,500 EV charging stations at workplaces, apartment and condo complexes, fleet vehicle parking lots, campuses and other locations where people park their cars for four hours or more.

SCE will pay the cost of designing and installing the electric infrastructure for the charging stations. Site owners will select a vendor and pay for the charging stations and their maintenance. Rebates provided by the program will be available to help defray some or all of the cost of buying and connecting the charging stations.

The program is designed for customers planning to install a minimum of 10 charging stations at one location. If the location is in a disadvantaged community there is a minimum of five stations. At least 10 percent of the stations must be installed in disadvantaged communities.

At the pilot's conclusion, SCE plans to seek authority from the California Public Utilities Commission to expand the program to about 30,000 charging stations.

Read more at:

[SCE Kicks Off Program to Speed Up Adoption of Electric Vehicles Charge Ready program \(Edison.com\)](#)



Energy Storage

In 2015, SCE continued testing one of the world's largest grid-connected lithium-ion energy storage systems, the Tehachapi Energy Storage Project. Funded in partnership with the Department of Energy, the project is sited at SCE's Monolith Substation in the Tehachapi Wind Resource Area. The project tests the effectiveness of large-scale lithium-ion battery systems and smart inverter technologies. It examines how these systems can improve grid performance and help to integrate renewable sources onto the grid.

In addition, SCE announced a partnership with Tesla Motors on two demonstration projects: The first involves homeowners in SCE's service area who have solar panels already installed with battery storage capability, while the second focuses on commercial and industrial customers who require larger energy storage capacity.

Also, SCE continued procuring storage capacity through competitive solicitations involving wholesale and retail market participants. Building upon its 2014 all-source solicitation, in which the utility contracted for 260 MW of energy storage, SCE contracted another 16.3 MW of storage capacity through its 2015 Request for Offers, while multiple RFOs including storage were in flight in 2016. SCE's next dedicated storage RFO is planned for December 2016.

Read more at:

[Energy Storage Delivers Electric Reliability to a Neighborhood Near You Innovative Battery Storage System Helps Discovery Cube OC Use Energy Wisely Energy Storage \(Edison.com\)](#)

The Next Generation Power Network

Irvine Smart Grid Demonstration

In 2015, SCE completed its Irvine Smart Grid Demonstration (ISGD), a multi-year, end-to-end study of smart grid technologies in a real-world community in Irvine, Calif. The demonstration, conducted in partnership with the U.S. Department of Energy (DOE), examined how to support the increasing amount of renewable resources on the power system, the changing demands on the system made by customer technologies such as plug-in electric vehicles, and how to respond to concerns such as reliability and cybersecurity.

ISGD was funded by a \$39.6 million grant from the DOE as part of the American Recovery and Reinvestment Act of 2009 (ARRA). SCE matched this contribution with in-kind contributions of \$26.9 million and \$12.7 million from project partners, including the University of California, Irvine.

Test equipment was installed in Irvine's University Hills neighborhood and at SCE's nearby MacArthur Substation in Newport Beach between March and September of 2013. Field experiments ran from July 2013 through June 2015. Results were shared in a technical symposium that included representatives from DOE and the CPUC in October 2015, and the Final Technical Report was submitted to the DOE in December 2015.

ISGD results led to immediate opportunities for grid modernization projects:

- A substation automation technology piloted as part of ISGD will include upgrading substations across the SCE service area.
- A technology called Distribution Volt/VAR Control, which reduces customer energy usage without requiring any action on their part, is being rolled out to all SCE substations by 2018.

ISGD learnings will be used in testing of next generation grid technologies that will play a part in the two-way grid of the future.

Zero Net Energy Demonstration Projects

SCE is helping California move closer to achieving its ambitious Zero Net Energy (ZNE) goals and timelines—providing demonstration sites, subject-matter expertise, and new construction incentives. Edison is partnering with regulatory agencies, energy industry associations, research organizations and private sector companies, to lead advances in ZNE policy, design and construction.



The Next Generation Power Network

2015 Solar Decathlon

In the U.S. Department of Energy's biennial solar decathlon, university students from around nation and the world are challenged to design, build and operate the most attractive, affordable and energy-efficient solar-powered home. The event was held over two weeks in October 2015 at the Orange County Great Park in Irvine; 14 teams from around the globe participated.

SCE and parent company Edison International donated a combined \$400,000 to the solar decathlon and to support Team Orange County, a joint effort of students from Chapman University, Irvine Valley College, Saddleback College and UC Irvine.

The team won second place in engineering for the innovation, functionality, efficiency and reliability of the solar-powered house it designed and built for the 2015 competition.

The competition is called a decathlon because teams are judged in 10 categories, including architecture, engineering and communications. As part of the competition, teams are required to live in the home to demonstrate that it is properly designed to consume a certain amount of energy in a set period of time. Teams are also required to prepare and host two dinner parties to demonstrate the home is capable of being energy-efficient during high power usage.



Read more at:

[Team Orange County Wins Second Place Engineering Award at Solar Decathlon](#)

[Even Movie Night is a Competition at Solar Decathlon](#)

[Seven Things You Should Know About the Solar Decathlon](#)

[Solar Decathlon Students Get Inspiration From a Former Decathlete Turned Engineer](#)

[Solar Decathlon's Team Orange County Gets Expert Advice From SCE Mentors](#)

[Solar Decathlon Gives Women Engineering Students a Chance to Shine](#)

2015 Corporate Responsibility Scorecard

Company	2013	2014	2015	Nat'l Avg.
Edison International Net Income (millions)	\$915	\$1,612	\$1,020	–
Edison International Basic Earnings per Share	\$2.81	\$4.95	\$3.13	–
Total Operating Revenue (millions)	\$12,581	\$13,413	\$11,524	–
Total Assets (millions)	\$46,225	\$49,734	\$50,310	–
Number of Customer Accounts	4,977,729	5,005,401	5,033,330	–
Total Number of Employees	13,691*	13,699*	12,777	–
Women as pct. of Workforce	33%	32%	32%	–
Women as pct. of Management	24%	31%	23%	–
Women as pct. of Executive Positions	30%	30%	30%	–
Minorities as pct. of Workforce	57%	57%	57%	–
Minorities as pct. of Management	45%	45%	44%	–
Minorities as pct. of Executive Positions	27%	30%	29%	–
Safety: Employee OSHA Recordable Rate	3.30	2.27	2.34	1.64
Safety: Employee Lost Workday Case Rate	1.00	0.66	0.61	0.45
Safety-related Internal Compliance Assessments and Audits	11	11	9	–
Ethics and Compliance Helpline contacts	1,412	1,259	1,351	–
Total Materials and Services Spend (billions)	–	–	\$4.4	–
Supplier Diversity Spend (billions)	–	–	\$1.83	–
Supplier Diversity Spend Rate	41.0%	45.0%	42.9%	–

Definitions

SAIFI – (System Average Interruption Frequency Index) The average number of interruptions that a customer would experience (often measured annually).

SAIDI – (System Average Interruption Duration Index) The average outage duration for each customer served (often measured annually).

MAIFI – (Momentary Average Interruption Frequency Index) The average number of momentary interruptions that a customer would experience (often measured annually).

CAIDI – Average outage duration any given customer would experience (Minutes)

CAIFI – Average Number of Interruptions per Customer Interrupted (Occurrences)

Corrections

*Revisions to metrics included in previous reports

** Revisions to metrics included in previous reports; beginning this year, “Management” (defined as managers, supervisors, and principal managers) and “Executives” are broken out separately. The new reporting method has been applied to 2013 and 2014 metrics.

Customers	2013	2014	2015	Nat'l Avg.
System Reliability: SAIFI (Interruptions)	0.88	0.86	0.86	–
System Reliability: SAIDI (Minutes)	94.48	92.20	100.15	–
System Reliability: MAIFI (Interruptions)	1.18	1.23	1.29	–
System Reliability: CAIDI (Minutes)	107.85	106.82	116.56	–
System Reliability: CAIFI (Occurrences)	1.71	1.73	1.70	–
Customer Energy Efficiency: GWh % of CPUC Goals	124%	133%	155%	–
Customer Energy Efficiency: MW % of CPUC Goals	106%	121%	192%	–
Customer Energy Efficiency (MW)	1,200	1,300	1,453	–
Customer Satisfaction: J.D. Power & Associates Survey Results - Electric Residential	667	662	676	667
Customer Satisfaction: J.D. Power & Associates Survey Results - Electric Business	670	671	678	679

Communities	2013	2014	2015	Nat'l Avg.
Community Investments: Pre-Tax earnings from Operations (Millions)	\$19.7	\$20.0	\$20.0	–
Community Investments: Pre-Tax earnings from Operations (percent)	1%	1%	1%	–
Employee & retiree volunteer hours	281,112	192,427	168,733	–
Contributions to nonprofits by employees (Millions)	\$2.9	\$2.6	\$2.4	–

Environment	2013	2014	2015	Nat'l Avg.
Renewable Portfolio Standard: Eligible Renewables	21.6%	23.5%	24.3%	–
CO2E Emissions from Owned Electricity Rate (lbs/MWh)	777	388	429	650
CO2E Emissions from Delivered Electricity Rate (lbs/MWh)	668	570	517	650
Scope 1 Emissions (million metric tons CO2E)	6.2	2.4	2.4	–
Scope 2 Emissions (million metric tons CO2E)	1.5	1.6	1.7	–
Scope 3 Emissions (million metric tons CO2E)	16.9	17.6	18.1	–
SF6 Emissions Rate	0.62%	0.61%	2.77%	–
SF6 Emissions (metric tons)	2.621	2.806	13,633	–
NOx Emissions Rate of UOG (lbs/MWh)	1.3	0.1	0.1	1.2
NOx Emissions from Power generation (metric tons)	9998	166.2	179.4	–
SO2 Emissions Rate of UOG (lbs/MWh)	0.42	0.009	0.005	1.9
SO2 Emissions from Power generation (tons)	3213.3	16.9	13.9	–
Amount of hazardous waste disposed (tons)	–	–	8,909	–
Universal waste generated and recycled (tons)	–	–	223	–
Agency inspections	474	233	463	–
Notices of Violation (NOV)	15	17	19	–
Inspections with No NOVs Issued (% of total inspections)	97%	93%	96%	–
Settlement, Fines and Penalties	\$10,785	\$3,550	\$600	–
Environmental-related Internal Compliance Assessments and Audits	9	6	6	–
Number of air permit non-compliance events with fine	–	–	1	–
Number of water permit non-compliance events with fine	–	–	0	–
Freshwater Consumption - Fossil Fuel Generation (million gallons)	–	–	848	–
Total acres of habitat protected, enhanced or restored that supports natural habitat and biodiversity as required for mitigation	–	–	2808	–

Definitions

Scope 1 - Emissions under the direct control of the company including Utility Owned Generation (UOG), Transportation, SF6 from T&D equipment

Scope 2 - Indirect emissions required for business processes including Transmission losses, Facility energy use (electricity and natural gas)

Scope 3 - Indirect emissions released as a consequence of the activities of the company including specified power purchases, unspecified power purchases

Corrections

The metrics for **Employee OSHA Recordable Rate** and **Employee Lost Workday Case Rate** in the Scorecard of SCE's 2013 Corporate Responsibility Report have been revised. The correct **Employee OSHA Recordable Rate** for 2013 was 3.30, not 3.42. The correct **Employee Lost Workday Case Rate** for 2013 was 1.00, not 1.08. These revisions to 2013 metrics appear correctly in this year's Scorecard.

2015 Global Reporting Initiative

Disclosure Index (G4)

The following table provides the location (either within this report or in other publicly available sources) where Edison International publicly discloses information that aligns with the Global Reporting Initiative's fourth generation of sustainability reporting guidelines (otherwise known as G4). GRI's guidelines are a voluntary reporting framework used by organizations worldwide for sustainability reporting. In addition to applicable Standard Disclosures, the table includes applicable Electric Utility Sector guidelines.

G4 Indicator	Description	Location
Strategy and Analysis		
G4-1	Statement from the most senior decision-maker	CEO's Message, p. 3
G4-2	Description of key impacts, risks and opportunities	2015 Edison International Annual Report
Organizational Profile		
G4-3	Name of the organization	Company Overview, p. 1
G4-4	Primary brands, products and/or services	Company Overview, p. 1
G4-5	Location of organization's headquarters	Back Cover
G4-6	Countries in which the company has operations	2016 Edison International Form 10-K
G4-7	Nature of ownership and legal form	2016 Edison International Form 10-K
G4-8	Markets served	2016 Edison International Form 10-K
G4-9	Scale of the reporting organization	2015 Edison International Annual Report
G4-10	Total number of employees by employment contract and gender	Peak-Performing Employees, p. 39
G4-11	Total employees covered by collective bargaining agreements	Peak-Performing Employees, p. 39
G4-12	Describe the organization's supply chain	2015 SCE Supplier Diversity Annual Report SCE.com Supplier Diversity
G4-13	Significant changes in organization's size, structure, ownership or its supply chain	2015 Edison International Annual Report 2016 Edison International Form 10-K

G4 Indicator	Description	Location
Identified Material Aspects and Boundaries		
G4-17	Operational structure of the organization	2016 Edison International Form 10-K
G4-23	Significant changes from the previous reporting periods in the scope, boundary, or measurement methods applied in the report	Scorecard (Corrections), p. 62-63
Report Profile		
G4-28	Reporting period	About This Report, p.1
G4-29	Date of most recent previous report	About This Report, p.1
G4-30	Reporting cycle	About This Report, p.1
G4-31	Contact point for questions regarding the report	About This Report, p.1
G4-32	Table identifying the location of the Standard Disclosures in the report	GRI Disclosure Index
Governance		
G4-34	Significant changes in organization's size, structure, ownership or its supply chain	Corporate Governance
G4-37	Stakeholder consultation process on economic, environmental and social topics	Edison International and Southern California Edison 2015 Joint Proxy Statement
G4-38	Composition of the highest governance body and its committees	Corporate Governance
G4-39	Indicate whether the Chair of the highest governance body is an executive officer	Corporate Governance
G4-40	Process for determining the composition, qualifications, and expertise of the members of the highest governance body	Corporate Governance
G4-41	Processes for the highest governance body to ensure conflicts of interest are avoided	Corporate Governance
G4-44	Processes for evaluating the highest governance body's own performance	Corporate Governance
G4-45	Board-level processes for identifying and managing risks and opportunities and frequency	Corporate Governance
G4-46	Board oversight of sustainability risk management	Edison International and Southern California Edison 2015 Joint Proxy Statement
G4-49	Mechanisms for shareholders and employees to provide recommendations to the highest governance body	Corporate Governance
G4-51	Linkage between compensation and the organization's performance	Corporate Governance
G4-52	Process for determining remuneration	Corporate Governance

2015 Global Reporting Initiative

G4 Indicator	Description	Location
G4-53	How stakeholders' views are sought and taken into account regarding remuneration, including the results of votes on remuneration policies and proposals, if applicable	Edison International and Southern California Edison 2015 Joint Proxy Statement
G4-56	Corporate mission and values, codes of conduct and principles	Company Overview, p.1 Employee Code of Conduct
Ethics and Integrity		
G4-56	Organization's values, principles, standards and norms of behavior (codes of conduct and ethics)	Employee Code of Conduct
G4-57	Mechanisms for seeking advice on ethical and lawful behavior	Peak-Performing Employees, p. 44
G4-58	Mechanisms for reporting concerns about unethical or unlawful behavior	Peak-Performing Employees, p. 44
Economic		
G4-EC3	Coverage of the organization's defined benefit plan obligations	2016 Edison International Form 10-K
Environment: Biodiversity		
G4-EN12	Description of significant impacts of activities, products and services on biodiversity	To Protect and Conserve, p. 32
Environment: Emissions		
G4-EN15	Direct greenhouse gas emissions (Scope 1)	Scorecard, p.63
G4-EN16	Indirect greenhouse gas emissions (Scope 2)	Scorecard, p.63
G4-EN17	Other indirect greenhouse gas emissions (Scope 3)	Scorecard, p.63
G4-EN18	Greenhouse gas emissions Intensity	Cleaner Energy, Cleaner Environment, p. 28
G4-EN19	Reduction of greenhouse gas emissions	Scorecard, p.63
G4-EN20	Emissions of ozone-depleting substances	Scorecard, p.63
G4-EN21	NOx, SOx, and other significant air emissions by type and weight	Scorecard, p.63
Environment: <i>Effluents and Waste</i>		
G4-EN29	Monetary value of significant fines and total number of non-monetary sanctions for non-compliance with environmental laws and regulations	Scorecard, p.63

G4 Indicator	Description	Location
Labor Practices and Decent Work		
G4-LA6	Rates of injury, occupational diseases, lost days, and absenteeism, and number of work-related fatalities by region	Staying Safe Around Electricity, p. 11 Scorecard, p.62
G4-LA12	Composition of governance bodies and breakdown of employees per category according to gender, age group, minority group, membership, and other indicators of diversity	At A Glance, p. 2 Peak-Performing Employees, 39
Society		
G4-SO6	Total value of financial and in-kind contributions to political parties, politicians, and related institutions by country	2015 Political Contributions and Expenditures
Product Responsibility		
G4-PR5	Results of surveys measuring customer satisfaction	Customer-Centric Focus, p. 19
Electric Utility Sector Supplement		
G4-EU1	Installed capacity (MW)	2015 Edison International Annual Report
G4-EU3	Number of residential, industrial, institutional and commercial customer accounts	2015 Edison International Financial & Statistical Report
G4-EU4	Length of transmission and distribution lines	At A Glance, p. 2
Electric Utility Sector Supplement – Economic		
G4-DMA	Demand-side management programs	Cleaner Energy, Cleaner Environment p. 30-31
Electric Utility Sector Supplement – Labor Practices and Decent Work		
EU15	Percentage of employees eligible to retire in the next 5 and 10 years	Peak-Performing Employees, p. 39
Electric Utility Sector Supplement – Product Responsibility		
G4-DMA	Programs, including those in partnership with government, to improve or maintain access to electricity and customer support services	Customer Centric Focus: p. 14-15
EU28	Power outage frequency	Reliability, Flexibility, Resiliency p.50
EU29	Average power outage duration	Reliability, Flexibility, Resiliency p.50

The tables above list the Global Reporting Initiative's standard disclosures for which Edison International provides information publicly. GRI disclosures not listed indicate that Edison International does not provide a public source for such information at this time.

Awards & Recognition



Edison International 2015 Awards & Recognition

(All SCE unless otherwise noted)

Solar Electric Power Association (SEPA)

2015 Utility Solar Rankings –
#1 in total Annual MWs Installed (U.S.)

Asian Business Association of Orange County (ABA-OC)

Corporate Business Ambassador Award

Black Business Association

Majority Corporation of the Year

Chartwell's Best Practices Awards

Gold Award, Billing & Payment Programs; Gold Award,
Outage Communications

Chicago Magazine

Best and Brightest Companies to Work For (SoCore Energy)

Energy Storage North America 2015 Innovation Awards

Finalist

Fortune Magazine

Great Place to Work (SoCore Energy)

Greater Riverside Hispanic Chamber of Commerce

Corporation of the Year

Midwest Energy News

40 Under 40 List (Honoree: Frank Bergh, Director, Product
Development, SoCore Energy)

National Alliance for Advanced Transportation Batteries (NAATBatt)

Technology Commercialization Award (Honoree: Naum Pinsky,
Principal Manager, Energy Procurement & Management)

Smart Grid Today

50 Smart Grid Pioneers of 2015 (Honoree: Douglas Kim, Director,
Advanced Technology)

Southern California Minority Supplier Development Council (SCMSDC)

Corporate Ambassador Award

Women Business Enterprise Council (West)

Corporation of the Year

United States Hispanic Chamber of Commerce

Million Dollar Club

Urban Land Institute, Orange County/Inland Empire

Best of the Best Sustainability Award, Organizational Leadership

About This Report / Forward Looking Statements

Disclosures

This report contains “forward-looking statements” within the meaning of the Private Securities Litigation Reform Act of 1995. Forward-looking statements reflect Edison International’s current expectations and projections about future events based on Edison International’s knowledge of present facts and circumstances and assumptions about future events and include any statement that does not directly relate to a historical or current fact. In this report and elsewhere, the words “expects,” “believes,” “anticipates,” “estimates,” “projects,” “intends,” “plans,” “probable,” “may,” “will,” “could,” “would,” “should,” and variations of such words and similar expressions, or discussions of strategy or of plans, are intended to identify forward-looking statements. Such statements necessarily involve risks and uncertainties that could cause actual results to differ materially from those anticipated.

Some of the risks and uncertainties that could cause actual results to differ materially from those anticipated are discussed under the heading “Risk Factors” and “Management’s Discussion and Analysis” in Edison International’s 2014 Form 10-K and subsequent reports filed with the Securities and Exchange Commission and available on www.edison.com. 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.



[2014 Southern California Edison Corporate Responsibility Report](#)

Edison Energy Group and its subsidiaries are not the same company as Southern California Edison, the utility, and they are not regulated by the California Public Utilities Commission.



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