

EDISON INTERNATIONAL

SUSTAINABILITY REPORT 2019



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ELECTRIC UTILITIES AND POWER GENERATORS STANDARD

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

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

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Water Management	(1) Total water withdrawn, (2) total water consumed, percentage of each in regions with High or Extremely High Baseline Water Stress	Quantitative	Thousand cubic meters (m ³), Percentage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

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

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

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

Notes:

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

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

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

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

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

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

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

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

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