**Environmental, social and governance highlights**

**Environmental**

- **Power generation:** Portfolio is 50% zero-emissions, projected to approach 65% zero emissions by 2021
- **Emissions rate:** Power generation emissions rate is roughly half the U.S. national average
- **Methane:** Methane capture system is reducing emissions; sensor technology is improving leak detection
- **Energy efficiency programs:** Helped customers save 346 gigawatt-hours of electricity and nearly 40 million therms of natural gas
- **Transportation:** Developing and promoting a first-of-its-kind, near-zero NOx emissions heavy duty engine, fueled by natural gas (SoCalGas)
- **Supply chain:** Member, Responsible Natural Gas Supply Collaborative (SoCalGas)
- **Electrification:** Developing the charging infrastructure to support 150,000 electric vehicles by 2025 (SDG&E)
- **Resilience:** LNG and midstream facilities in U.S. Gulf region built to withstand hurricanes and flooding; Utility and generation infrastructure in California and the Southwest built to protect against wildfires, water shortages and sea level rise

**Social**

- **Employees:** 85% of employees satisfied with the company as a place to work
- **Safety:** OSHA recordable incident rate decreased for the second year in a row to 2.31 incidents per 100 full-time workers
- **Human rights:** Completed human rights assessment and developing human rights policy
- **Preparedness:** Business resumption plans and strong relationships with first responders help protect the public in case of unforeseen events
- **Public safety:** Advanced testing and upgrading of natural gas infrastructure is underway across Southern California
- **Innovation:** Employee invention simplifies solar installation and has saved customers $5 million to-date (SDG&E)
- **Supply chain:** Spent 42%* and 43% with women, minority & veteran-owned enterprises (SoCalGas and SDG&E)
- **Rates:** Rolling out a new rate structure to encourage customers to use energy when cost-to-deliver is lower, thus reducing both customer costs and demand on the electric grid (SDG&E)
- **Communities:** Donated $19.6 million to communities; Employees donated $3.3 million and gave 22,000 hours of volunteer time

*Excludes highly specialized companies hired to stop the Aliso Canyon natural gas leak.

**Governance**

- **Board diversity:** Nearly 70% of the members of our board are women and/or people of color
- **Board tenure:** Balanced, with 54% of members on the board for fewer than 5 years; 23% between 5 and 10 years; and 23% longer than 10 years
- **Board independence:** 12 of 13 members of our board are independent according to the principles and standards established by the New York Stock Exchange
- **Shareholder engagement:** Met with 33% of our total outstanding shares (43% of institutional share ownership) to discuss a range of environmental, social and governance issues
- **Executive compensation:** Gathered feedback through shareholder engagement program and made refinements, as articulated in our 2017 proxy statement
- **Risk management:** A new chief information officer is now responsible for physical and cyber security, complementing a robust risk management program
- **Grievances:** Stakeholders may report concerns or grievances via our ethics & compliance helpline, available 24 hours a day, seven days a week
**Environmental**

- **4.7 mmt** of CO2e – scope 1 emissions
- **235 tons** of NOx emissions
- **8 tons** of SO2 emissions
- **561 lbs** of CO2 emitted per megawatt-hour of electricity generated
- **21.9 billion** gallons of water withdrawn

**Water withdrawal by source (2016)**

- **Salt/brackish 90%**
- **Recycled/other 9%**
- **Fresh 1%**

- **1.4 billion** gallons of water consumed

2016 CDP Climate Change score of A-

**Generating capacity:** 50% natural gas; 27% wind, 20% solar; 3% hydro

**43% of power delivered** was from renewables (SDG&E)

Diverted **13,000 metric tons** of waste from landfills

Earned **$4 million** from recycling efforts

**34%** of customers are now using paperless billing

**97%** of all agency inspections resulted in no notice of violation

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**Social**

- **32 million** consumers served
- **7 million** metered natural gas customers
- **3.2 million** metered electric customers

More than **16,000 employees**

**People of color in U.S. workforce (2016)**

- **29% of workforce** are women (industry average is 25%)
- **33% of management** are women (industry average is 21%)

**SAIDI** - (average outage duration in minutes): U.S. - 72; Chile - 649; Peru - 540

**SAIFI** - (outage frequency per customer per year): U.S. - 0.61; Chile - 3.98; Peru - 2.34

Contributed **more than 1%** of pretax income to communities

**100 Best Citizens, Corporate Responsibility magazine, 2010-17**

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**Governance**

- **$10.2 billion** in revenues
- **$1.4 billion** in earnings
- **$47.8 billion** in assets
- **119,500 miles** of pipelines
- **1,004 Bcf** of natural gas throughput
- **49,881 miles** of electric lines
- **10,200,000 MWh** of electricity generated

**Corporate values**

**Top ranking** on Zicklin Index for political accountability

Member, **Dow Jones Sustainability Index** North America, 2011-16

Member, **FTSE4Good Index**, 2016-17

Constituent, **MSCI Global Sustainability Indexes**, 2014-16

Member, **Thomson Reuters U.S. Large Cap ESG Index**, 2014-16

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*S*Does not include emissions from the Aliso Canyon natural gas leak. These emissions were fully reported in our 2015 report.

Sempra Infrastructure’s businesses are not the same companies as the California utilities, San Diego Gas & Electric (“SDG&E”) and the Southern California Gas Company (“SoCalGas”) and the Sempra Infrastructure businesses are not regulated by the California Public Utilities Commission.

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