



Good for the Economy.
Good for the Environment.

Understanding the Numbers: 2021 E2 California District-Level Factsheets

FRONT:

Investments:



The top-line investment figure is calculated from numerous California private and public clean energy economy sources, including investments from California's Greenhouse Gas Reduction Fund. While E2 made every effort to compile all available investment data, this figure is not exhaustive due to reporting complexities and the inability to parse some data sets to the district level. Data for these programs spans various year ranges. This investment figure is intended as an illustrative snapshot only.

The raw data compiled into the investment value are associated with the following investment sources and programs: utility scale renewable power generators, public and private EV charging stations, EV manufacturing, Cap and Trade offsets, distributed generation for municipal and investor-owned utilities, Clean Transportation Program, Energy Conservation Assistance Program (ECAA), Electric Program Investment Charge Program, California Clean Energy Jobs Act (Prop 39), Hybrid and Zero-Emission Truck and Bus Voucher Incentive Program, relevant projects from the Sales and Use Tax Exclusion Program, Clean Vehicle Rebate Project, Clean Vehicle Assistance Program, Advanced Research Projects Agency-Energy Awards, Sunshot Initiative, energy efficiency investments for investor-owned utilities and other CPUC program administrators, and energy efficiency investment for municipally-owned utilities.

This assessment was provided by Atlas Public Policy. For additional information, please contact Andy Wunder (awunder@e2.org).

Clean Energy Jobs:



Job metrics are the results of E2 analysis, derived from the 2021 U.S. Energy and Employment Report (USEER). These numbers contain renewable energy generation, energy efficiency, grid/storage, and clean vehicles/fuels jobs.

GGRF Funds & Funds Benefitting Priority Communities:



Greenhouse Gas Reduction Fund investments in each district, including funding which benefits priority communities, were gathered from the [California Air Resources Board \(CARB\) Greenhouse Gas Reduction Program and California Climate Investment](#).



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Emissions Equivalent of Cars Off the Road:



The CARB dataset reports greenhouse gas emission reductions from each project in metric tons of CO2 equivalent. E2 converted each district's CO2 emission equivalent to "number of cars off the road for one year" using the [EPA's Greenhouse Gas Equivalency Calculator](#).

BACK:

Jobs Supported and Jobs Created:

[CARB's 2021 Annual Report](#) details the modeled jobs reported in 2020 (page ii). E2 added the number of directly supported, indirectly supported and induced jobs together to come up with the number of jobs supported through Cap-and-Trade investments. The number of jobs created through Cap-and-Trade investments is reported in the UCLA Luskin Center for Innovation's "[Employment Benefits from California Climate Investments and Co-Investments](#)" report, which is based on data for years 2013-2017.

Benefits to Consumers:

The graph was created from data reported in [CARB's 2020 "Cap-and-Trade Program Summary of 2013-2019 Electrical Distribution Utility Allocated Allowance Value Usage"](#) report.

Investments:

The total amount of GGRF investments and the subsequent additional leveraged dollars is reported in [CARB's 2021 Annual Report](#).