State of Clean Energy Data Methodology

Updated December 2023

Front:

Emissions: Calculated by BloombergNEF based on Energy Information Administration data.

Electricity sources: Calculated by BloombergNEF based on Energy Information Administration data.

Clean energy jobs: Taken from U.S. Energy & Employment Report (Department of Energy) and include jobs in renewable energy; grid technologies and storage; traditional electricity transmission and distribution for electricity; nuclear energy; a subset of energy efficiency that does not involve fossil fuel burning equipment; biofuels; and plug-in hybrid, battery electric, and hydrogen fuel cell vehicles and components. View complete list here.

Jobs from projects announced since passage of Inflation Act: Sourced from Climate Power's Clean Energy Boom Anniversary report, and include jobs from new manufacturing in wind, solar, batteries, electric vehicles (EVs), and storage projects announced since passage of Inflation Reduction Act (8.15.22-7.25.23).

Clean energy rankings: Energy efficiency from American Council for an Energy-Efficiency Economy (ACEEE) 2022 State Energy Efficiency Scorecard.

Renewable energy capacity: Calculated by BloombergNEF based on Energy Information Administration and other project data, and include solar, wind, biomass/waste, geothermal, hydropower.

Back:

Federal funding ("What Energy Innovation Means"): calculated by Bipartisan Policy Center using USASpending.gov—state amounts are totaled using obligated grant funding reported by DOE for FY22.

Clean energy investment: Data originates from the Clean Investment Monitor from Rhodium Group and MIT's Center for Energy and Environmental Policy Research. Bulk data was broken down according to actual investment versus announced investment; CEBN aggregated this data by state and quarter. The "Announced" data represents Rhodium Groups/MIT's estimate of the total plant value for manufacturing, energy, and industry plants at the time of announcement. These announced plants have at least made it to front-end engineering and design (FEED), but they have not had any actual capital investment by the time of the announcement date. "Actual" investment is the estimate of quarterly expenditures which occur in that quarter, based on tracking of construction start and stop dates, as well as retail sales.