



Why Clean Energy Means Jobs for Alaska

- Alaska can harness its vast clean energy resources to create thousands of new jobs in the state.
- Deploying clean energy will create vibrant new industries and stimulate economic development. Comprehensive clean energy and climate legislation could create as many as 9,000 jobs in Alaska.¹
- Clean energy deployment will create jobs in a wide array of professions. There will be jobs for people with or without college degrees, jobs for both entry-level workers and experienced professionals, jobs that can't be outsourced.

New Clean Energy Industries in Alaska

- Alaska's geothermal resources have the potential to provide about 25% of the state's electric capacity.²
- People directly employed by the geothermal energy sector include welders, mechanics, pipe fitters, plumbers, machinists, electricians, carpenters, construction workers, surveyors, architects, geologists, hydrologists, engineers and technicians.
- There are other job opportunities for those who improve energy efficiency in homes and businesses. Jobs will be available for architects, technicians, insulation workers, project managers and engineers.
- These efficiency improvements are already underway. Alaska's weatherization program improved 1,740 homes in 2009, and that number is expected to more than quadruple by 2011.³
- Alaska's clean energy industries will benefit from new federal funding. In August 2009, Department of Energy Secretary Steven Chu announced more than \$51 million in funding from the Recovery Act to support energy efficiency and renewable energy projects in Alaska, Guam and New Jersey. In addition, a new allocation of Clean Renewable Energy Bonds will provide low-interest financing for government agencies, public power providers, and cooperative electric companies across the United States, with the leaders in each category located in California, Washington, and Alaska, respectively.⁴

¹ David Roland-Holst and Friedrich Kahrl, "Clean Energy and Climate Policy for U.S. Growth and Job Creation: An Economic Assessment of the American Clean Energy and Security Act and the Clean Energy Jobs and American Power Act, Executive Summary," October 25, 2009. http://are.berkeley.edu/~dwrh/CERES_Web/Docs/ES_DRHFK091025.pdf

² U.S. Department of Energy, Office of Energy Efficiency and Renewable Energy, "GeoPowering the West, Alaska State Profile," last updated January 2007.

³ Margaret Bauman, "Weatherization Program Boosts Economy," *Anchorage Daily News*, November 14, 2009.

⁴ U.S. Department of Energy, Office of Energy Efficiency and Renewable Energy. "Alaska Energy Summary Fact Sheet." 2010. http://apps1.eere.energy.gov/states/energy_summary_print.cfm?state=AK