



Why Clean Energy Means Jobs for Maine

- Maine 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, and comprehensive clean energy and climate legislation could create as many as 12,000 jobs in Maine.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.
- Maine can revive its manufacturing sector by making the transition to clean energy. If we generate 25% of our electricity from clean energy sources nationwide, we could create as many as 4,111 new manufacturing jobs in Maine. This includes over 1,500 new jobs in the wind industry and about 1,100 in the solar panel manufacturing industry.²

New Clean Energy Industries in Maine

- As of December 2009, Maine had about 175 megawatts of installed wind capacity in the state, enough to power more than 240,000 Maine homes. Developing Maine's full wind potential could generate enough electricity to power approximately 8.8 million homes.³
- Jobs in the wind industry include construction superintendents, field service engineers, sheet metal workers, welders, cutters, solderers, brazers and turbine technicians.
- Maine has huge biomass energy potential. The state produces enough cellulosic biomass each year to create 232 million gallons of fuel and replace about 22% of gasoline use.⁴
- Growth in the bioenergy industry will spur demand for boiler operators, feedstock collectors and researchers.
- There are other job opportunities in Maine for those who improve energy efficiency in homes and businesses. Jobs will be available for architects, technicians, insulation workers, project managers and engineers.

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 Blue Green Alliance and Renewable Energy Policy Project, "How to Revitalize America's Middle Class with the Clean Energy Economy" (June 2009). <http://www.bluegreenalliance.org/admin/publications/files/0012.4.pdf>

³ Based on data from American Wind Energy Association, "US Wind Energy Projects: Maine" last updated December 2009 and Energy Information Administration, "State Electricity Profiles for 2007", April 2009, http://www.eia.doe.gov/cneaf/electricity/st_profiles/e_profiles_sum.html.

⁴ U.S. Department of Energy, "State Assessment for Biomass Resources," last updated July 10, 2009. <http://www.afdc.energy.gov/afdc/sabre/sabre.php>