



Why Clean Energy Means Jobs for Missouri

- Missouri 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 29,000 jobs in Missouri.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.
- Missouri 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 22,796 new manufacturing jobs in Missouri. This includes over 10,000 new jobs in the wind industry and about 7,500 jobs in the solar panel manufacturing industry.²

New Clean Energy Industries in Missouri

- Missouri's wind energy industry is growing. Missouri has about 300 megawatts of installed wind capacity and about 150 megawatts under construction. Altogether that's enough to power more than 290,000 Missouri homes.³
- Jobs in the wind industry include construction superintendents, field service engineers, sheet metal workers, welders, cutters, solderers, brazers and turbine technicians.
- Missouri also has good potential for biomass energy production. Growth in the bioenergy industry will spur demand for boiler operators, feedstock collectors and researchers.⁴
- Across the nation and in Missouri, the deployment of smart electricity grids will bring renewable energy to towns and cities, creating jobs for linemen, software engineers and technicians.
- There are other job opportunities in Missouri 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 American Wind Energy Association, "US Wind Energy Projects —Missouri," last updated December 31, 2009; Energy Information Administration, "State Electricity Profiles for 2007", April 2009.

⁴ U.S. Department of Energy, Office of Energy Efficiency and Renewable Energy. "State Assessment for Biomass Resources," last updated July 2009. <http://www.afdc.energy.gov/afdc/sabre/sabre.php?state=missouri>