



Why Clean Energy Means Jobs for Virginia

- Virginia 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 50,000 jobs in Virginia.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.
- Virginia 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 13,773 new manufacturing jobs in Virginia.²

New Clean Energy Industries in Virginia

- Virginia has huge biomass energy potential through its agricultural sector. The state produces enough cellulosic biomass each year to create 401 million gallons of fuel and replace about 8% of the entire state's gasoline use.³
- Growth in the bioenergy industry will spur demand for boiler operators, feedstock collectors and researchers.
- Across the nation and in Virginia, 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 Virginia 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 U.S. Department of Energy, "State Assessment for Biomass Resources," last updated July 10, 2009. <http://www.afdc.energy.gov/afdc/sabre/sabre.php>