



Clean Energy: A Good Deal for Maine

- Maine has vast resources available to produce clean energy here at home. By unleashing this potential, we will create new jobs, reduce pollution and make our country more secure.
- With comprehensive energy and climate legislation, we could create as many as 12,000 jobs in Maine.
- Comprehensive legislation could save Maine households up to \$1,317 per year, by reducing our dependence on fossil fuels and providing incentives for energy efficiency.¹
- If we generate 25% of our electricity from clean energy sources, we could create up to 4,111 new manufacturing jobs in Maine.²

Clean Energy Potential in Maine

- According to the Department of Energy, Maine generates a larger share of its electricity from non-hydroelectric renewable resources than any other state.³
- 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.⁴
- The proposed 51-megawatt Oakfield Wind project in Aroostook County by Evergreen Wind Power II has been approved by the Maine Department of Environmental Protection and will comprise 34 turbines with the capacity to produce sufficient clean and renewable energy to power more than 20,000 households.⁵

The Consequences of Inaction: Why Maine Can't Wait

- The climate is changing in Maine due to greenhouse gas pollution from dirty energy sources. Agricultural production, including dairy, fruit and maple syrup, is likely to be adversely affected as average temperatures rise and favorable climates shift. The dairy industry, which generates approximately \$3.6 billion for the region, will also be affected.⁶
- It is vital to our national security that we make the transition to clean sources of energy. Our military could face increasing challenges as the effects of climate change threaten political and social stability around the world. Meanwhile, our dependence on foreign oil makes America less secure.

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.

² Blue Green Alliance, *Building the Clean Energy Assembly Line* (November 2009).

³ Energy Information Administration. "Maine Quick Facts," last updated Jan 21, 2010.

⁴ 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.

⁵ Cleantech, "Maine Department of Environmental Protection Approves First Wind's 51 MW Oakfield Wind Project," last updated January 27, 2010.

⁶ National Oceanic and Atmospheric Administration, *Global Climate Change Impacts in the United States* (June 2009).