

Repower Louisiana

Clean Energy: A Good Deal for Louisiana

- Louisiana 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 22,000 jobs in Louisiana.
- Comprehensive legislation could save Louisiana households up to \$1,582 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 8,517 new manufacturing jobs in Louisiana.²

Louisiana's Clean Energy Potential

- Louisiana has extensive biomass energy resources. In 2006, Louisiana generated more than 3,000 gigawatt-hours of electricity from biomass. That's enough energy to power 200,000 homes.³ Louisiana also has good solar energy potential.
- Free Flow Power, a hydrokinetic company, is one of four companies that have received preliminary permits to install underwater turbines in Louisiana's rivers. Free Flow's proposed Mississippi River project will need about 1,000 to 1,200 people to operate and maintain its turbines, plus additional staff at a manufacturing facility. The company anticipates bringing its first utility-scale projects online in 2013 or 2014.⁴

The Consequences of Inaction: Why Louisiana Can't Wait

- Seven of the nation's 10 largest ports are located on the Gulf Coast and roughly two-thirds of all U.S. oil imports, from countries such as Mexico and Venezuela, are transported through this region. Sea levels in Louisiana are projected to rise between two and four feet by the end of the century due to climate change.⁵
- Higher sea surface temperatures as a result of global warming will fuel more intense and damaging hurricanes along the Atlantic and Gulf coasts. Rising sea levels will only exacerbate storm surges, flooding and erosion.
- 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, "Summary Renewable Electric Power Industry Statistics (2006)," May 2008; "US Average Monthly Bill by Sector, Census, Division, and State, 2007."

⁴ New England Clean Energy Council, "Free Flow Power Corporation," November 4, 2007.; Rebecca Mowbray, "HydroGreen Energy, which plans to generate power through underwater turbines, clears first environmental test," *The Times-Picayune*, January 6, 2010.

⁵ National Oceanic and Atmospheric Administration. *Global Climate Change Impacts in the United States* (June 2009).