



## Clean Energy: A Good Deal for Missouri

- Missouri 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 29,000 jobs in Missouri.
- Comprehensive legislation could save Missouri households up to \$892 per year, by reducing our dependence on fossil fuels and providing incentives for energy efficiency.<sup>1</sup>
- If we generate 25% of our electricity from clean energy sources, we could create up to 22,796 new manufacturing jobs in Missouri.<sup>2</sup>

## Missouri's Clean Energy Potential

- 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.<sup>3</sup>
- The state also has excellent potential for biomass and solar energy.
- In 2008, Missouri became the third state in the nation to have voters pass renewable portfolio standards. Two-thirds of Missouri voters supported a constitutional amendment requiring investor-owned utilities to obtain at least 15% of their electricity from renewable resources by 2021.
- The city of Rock Port produces 123% of its electricity needs with wind power, making it the first U.S. city to generate more wind power than it uses.<sup>4</sup>

## The Consequences of Inaction: Why Missouri Can't Wait

- Many of the state's economically valuable timber species — aspen, jack pine, red pine and white pine — may be lost due to global warming. The virgin pulping and wood fiber industry may be eliminated entirely as the forest cover landscape changes.<sup>5</sup>
- Loss of wildlife and habitat could mean a loss of tourism dollars. In 2006, more than 3.9 million people spent more than \$3 billion on hunting, fishing and wildlife viewing in Missouri. The industry in turn supported 57,051 jobs in the state.<sup>6</sup>
- 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.

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<sup>1</sup> 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.

<sup>2</sup> Blue Green Alliance and Renewable Energy Policy Project, "How to Revitalize America's Middle Class with the Clean Energy Economy" (June 2009).

<sup>3</sup> American Wind Energy Association, "US Wind Energy Projects —Missouri," last updated December 31, 2009; Energy Information Administration, "State Electricity Profiles for 2007", April 2009.

<sup>4</sup> "Rock Port, Missouri, First 100 Percent Wind-powered Community in U.S.," *ScienceDaily*, July 16, 2008.

<sup>5</sup> Center for Integrative Environmental Research, *The US Economic Impacts of Climate Change and the Costs of Inaction* (October 2007).

<sup>6</sup> National Wildlife Federation, "Global Warming and Missouri" (2009).