

CLEAN ENERGY JOBS IN DELAWARE

Clean energy already provides hundreds of Delaware workers with good jobs during hard times. This fact sheet collects several sources of information showing how accelerating the clean-energy transition will benefit Delaware's economy – and, conversely, the costs and consequences of failing to act.

CLEAN ENERGY JOBS

[The Clean Energy Economy:](#)

The clean energy industry in Delaware is faring much better than the overall economy in the state. By 2007, 211 businesses had generated more than [2,300 Delaware jobs](#) in the clean energy economy, according to the [Pew Charitable Trusts](#). Venture Capitalists have invested over \$3 million in the clean energy industry in Delaware.¹

[The Future of the Clean Energy Economy:](#)

University of Massachusetts researchers conclude that the American Clean Energy and Security Act, coupled with the clean energy provisions passed in the ARRA stimulus package that Congress passed in February 2009, will [drive \\$150 billion of investment](#) in clean energy nationwide. This investment will create more than 6,000 jobs for Delaware's workers.²

OPPORTUNITIES FOR INDUSTRY AND BUSINESS

The Department of Energy has identified significant, untapped opportunities for key industries in Delaware to prosper under a clean energy economy. There are at least 336 ways for small- and medium-sized industrial plants in Delaware to [earn savings from efficiency](#), with an average payback of only 1.4 years. Only 28% of these opportunities have been implemented.³ Additional information on Delaware clean energy jobs is available from the [National Wildlife Federation](#).⁴

COSTS OF INACTION

According to a [June 2009 report](#) released by the National Oceanic and Atmospheric Administration, inaction on global warming will cause significant harm to the region. Sea level will rise by about two feet, temperatures and drought will increase, and flooding and hurricanes will become more severe.⁵ These effects have heavy economic consequences for Delaware.

- Delaware's 2,500 farms—which produce over [\\$1 billion annually](#) for the state⁶—will lose ground to droughts and agricultural pests. Heat stress will reduce milk output from dairy farms.⁷
- Rising sea levels will erode Delaware's 381 miles of densely populated coastline, inundating roads, homes, and other infrastructure.⁸
- And the [National Wildlife Federation](#) shows how global warming will damage the 3,428 jobs provided by Delaware's \$283 million [hunting, wildlife watching, and angling industries](#).⁹

START THE CLEAN ENERGY ECONOMY NOW

A nationwide cap on greenhouse gas emissions would jumpstart a new energy economy in Delaware and accelerate the growth of good-paying, clean jobs. If we fail to act soon, the new markets for clean energy will grow overseas instead.

Delaware can't afford to miss out on one of the largest new economic revolutions.

www.edf.org/CleanEnergyJobs

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- ¹ Susan Urahn, Joshua Reichert, et. al.: The Clean Energy Economy: Executive Summary. June 2009. The Pew Charitable Trusts. p. 8. http://www.pewcenteronthestates.org/uploadedFiles/Clean_Economy_Report_Web.pdf
- ² Robert Pollin, James Heintz, and Heidi Garrett-Peltier: The Economic Benefits of Investing in Clean Energy. Department of Economics and Political Economy Research Institute (PERI), University of Massachusetts, Amherst. June 2009.
- ³ Industrial Technologies Program - Industrial Assessment Centers Database. Rutgers, The State University of New Jersey. <http://www.iac.rutgers.edu/database/state.php>
- ⁴ National Wildlife Federation: "Charting a New Path for Delaware's Electricity Generation and Use." <http://www.nwf.org/globalwarming/statefactsheets.cfm>
- ⁵ Unified Synthesis Product: Global Climate Change Impacts in the United States. Report by the US Climate Change Science Program. <http://www.globalchange.gov/usimpacts>
- ⁶ State Fact Sheets: Delaware. USDA Economic Research Service. Updated June 30, 2009. <http://www.ers.usda.gov/StateFacts/DE.htm>
- ⁷ Unified Synthesis Product: Global Climate Change Impacts in the United States. Report by the US Climate Change Science Program. <http://www.globalchange.gov/usimpacts>
- ⁸ "Climate Change and Delaware." Environmental Protection Agency. September 1998. <http://yosemite.epa.gov>.
- ⁹ National Wildlife Federation: Global Warming and Delaware. 2009. <http://www.nwf.org/globalwarming/pdfs/Delaware.pdf>