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The Clean Energy Economy Michigan

Michigan has a large and growing piece of America's clean energy economy. By the end of 2009, Michigan will have lost more than a half million jobs, according to the state's projections, and more than one in 10 workers is currently unemployed.¹ But increases in jobs in the clean energy economy have helped buttress Michigan's overall job losses. The state is one of only seven states and the District of Columbia where total jobs fell but jobs in the clean energy economy increased between 1998 and 2007. The renewable portfolio standard enacted by Michigan lawmakers last fall will encourage more growth in the Clean Energy jobs category in particular. Additionally, the state ranks third in clean technology patents over the past 10 years and attracted \$55 million in clean tech venture capital in the past three years.

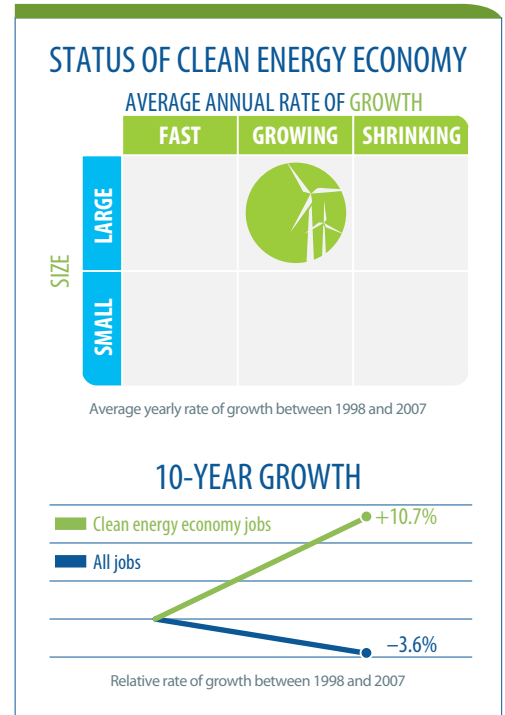
BY THE NUMBERS, THE CLEAN ENERGY ECONOMY:

Jobs (2007): **22,674**

Businesses (2007): **1,932**

Venture Capital Funds (2006-2008)*: **\$55,099,376**

Patents (1999-2008): **749**

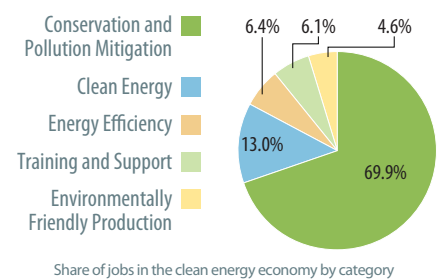


EXAMPLES OF COMPANIES:**

Microposite, *Auburn Hills* (Environmentally Friendly Production): designs and manufactures energy-efficient siding

Quantum Technologies, *Sterling Heights* (Clean Energy): develops and produces fuel cell technology for alternative fuel vehicles

JOB CATEGORIES***



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Download the full report by visiting www.pewtrusts.org/cleanenergyeconomy

NOTES: *Values reported in 2008 dollars. **Information current as of May 8, 2009. This report is intended for educational and informational purposes. References to specific products, services, companies and policy makers have been included solely to advance these purposes and do not constitute an endorsement, sponsorship or recommendation by The Pew Charitable Trusts. ***These numbers may not add up to 100 percent due to rounding. ****Financial incentives include residential, commercial and industrial loan financing, rebate programs and tax incentives.

SOURCES: Jobs and establishment data from The Pew Charitable Trusts, 2009; based on the National Establishment Time Series Database; analysis by Pew Center on the States and Collaborative Economics. [1] National Public Radio interview with Michigan Governor Jennifer Granholm, "Michigan Gov.: Job Loss Our Own Katrina," NPR, Tell Me More, March 17, 2009, <http://www.npr.org/templates/story/story.php?storyId=101990867> (accessed May 26, 2009).

CLEAN ENERGY POLICIES

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|--------------------------------------|---|
| Financial Incentives**** | • |
| Renewable Portfolio Standards | • |
| Energy Efficiency Resource Standards | • |
| Regional Cap and Trade Program | • |