

ACHIEVING THE WIND VISION IN MICHIGAN

Michigan has the opportunity to lower electricity bills, create jobs, increase community investment, and reduce pollution by expanding the use of wind energy, according to a recent U.S. Department of Energy (DOE) report.

The 2015 DOE Wind Vision report projects that nationwide, wind power can supply 10% of America's electricity by 2020, 20% by 2030 and 35% by 2050, while delivering consumer savings worth tens of billions of dollars a year.

HOW WILL MICHIGAN BENEFIT FROM EXPANDING WIND POWER?

The latest data from the DOE finds that wind energy could provide 4.8% of Michigan's electricity by 2020 and increase to 6.8% by 2030. The wind energy produced in Michigan alone would power the equivalent of 710,000 average American homes by 2030.

In fact, achieving the Wind Vision would provide Michigan with the following benefits:

Consumer benefits in Michigan	Cumulative through 2050
Electricity bill savings	\$3.59 billion
Savings through lower natural gas prices	\$10.90 billion

Other economic benefits in Michigan	By 2020	By 2030
Annual property tax revenue	\$11.62 million	\$17.09 million
Annual land lease payments	\$4.71 million	\$7.65 million

The Wind Vision report estimates that the expansion of wind will support a national total of 142,000 manufacturing jobs by 2030, along with many onsite construction, operations and maintenance jobs in Michigan alone.

Environmental benefits in michigan	By 2020	By 2030
Annual water use avoided, in gallons	616.33 million	4.4 billion
Annual carbon pollution avoided, in metric tons	-423,000*	9.6 million
Annual carbon pollution avoided, in equivalent cars worth of emissions	-89,000*	2.02 million

**According to the DOE Wind Vision Study Scenario, carbon emissions in Michigan are projected to increase by 2020 due to increased production from fossil fuel generators in the state. By 2030, increased wind production contributes to an overall decrease in carbon emissions.*

The new data come from calculations made by AWEA using the U.S. Department of Energy's new 2015 report.

HOW CAN MICHIGAN ACHIEVE THE WIND VISION?

A combination of home-grown American wind power and long-term, stable policy will put the Wind Vision within reach.

FOR MORE INFORMATION, VISIT THE WIND ENERGY FOUNDATION'S WIND VISION PAGE AT WINDENERGYFOUNDATION.ORG/ABOUT-WEF/WIND-VISION/



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