

HOME STATE PRODUCTION OF OIL AND NATURAL GAS POWERING MICHIGAN'S ECONOMY

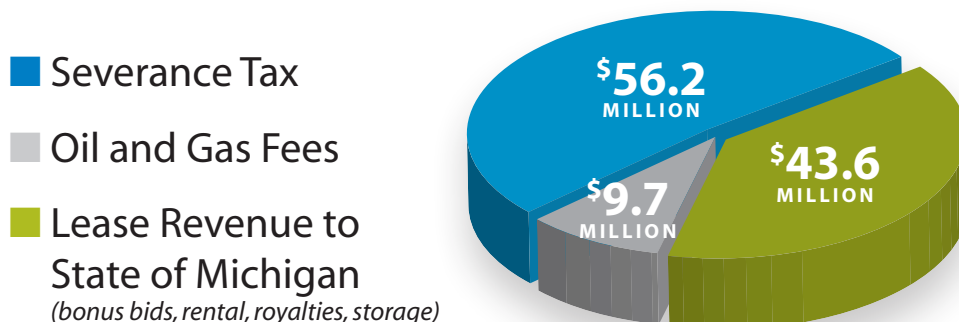
Vital to Michigan's economy approximately 100 years, safe and responsibly produced oil and natural gas from Michigan's own resources provides clean, abundant and affordable energy. It also supports tens of thousands of good-paying jobs and critical revenues that benefit Michigan's communities, public lands and outdoor recreation amenities.



A \$4 billion Michigan industry that supports nearly 38,000 Michigan jobs

- More than 8,000 Michigan workers are employed directly in Michigan's oil and natural gas exploration and production industry. *(Source: Michigan Oil & Gas Association, 2013)*
- 37,848 Michigan jobs are provided by production related activities. *(Source: IHS Global Insight, 2012)*
- By 2035, more than 63,000 Michigan jobs are projected to be supported by the industry. *(Source: IHS Global Insight, 2012)*
- \$1.8 billion in total labor income was generated in 2010 by the industry, projected to grow to \$4.1 billion for Michigan workers by 2035. *(Source: IHS Global Insight, 2012)*
- Nearly \$3 billion in value-added economic output in 2010 was created by Michigan's oil and natural gas industry, projected to grow to approximately \$5 billion by 2035. *(Source: IHS Global Insight, 2012)*

Total annual state revenues from Michigan's oil and natural gas industry



Total Annual State Revenues **\$109.5 million** (2012)

Notes

- Based on \$1,024,551,304.95 in total wellhead value for 2012. *(Source: Michigan Dept. of Treasury)*
- In FY2012, State of Michigan oil and gas lease revenue provided \$42.7 million to the Michigan State Parks Endowment Fund and Michigan Game & Fish Protection Trust Fund. *(Source: Michigan Department of Natural Resources, 2012)*
- Through 2012, the Michigan Natural Resources Trust Fund has granted \$965.5 million to communities in all 83 of Michigan counties. *(Source: Michigan Department of Natural Resources, 2012)*
- Personal property taxes are collected by townships

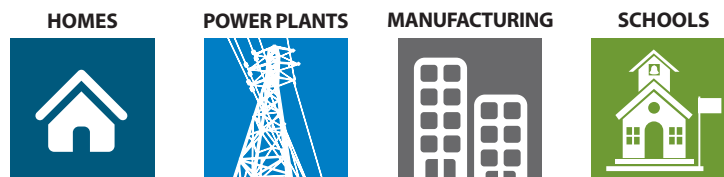
DID YOU KNOW?

- Michigan currently ranks 16th nationally in both oil and natural gas production
- 80 percent of Michigan homeowners use natural gas to heat their homes
- 11 percent of Michigan's electricity is produced from natural gas
- Michigan produces approximately 23 percent of the natural gas our state uses each year; the remainder is imported from other states or Canada
- Michigan currently has 18 CNG stations (compressed natural gas) to serve drivers of environmentally friendly, fuel efficient, and low emissions vehicles
- Michigan is #1 in the nation for underground natural gas storage
- 59 of 83 Michigan counties have oil and/or natural gas production taking place
- Michigan has produced oil and natural gas since the early 1900s
- Approximately 15,000 private landowners receive more than \$120 million in production royalty payments annually

Total annual volume of **natural gas used in Michigan**

776.4 billion cubic feet

which powers...



(Source: U.S. Energy Information Administration, 2011)

Total annual volume of **natural gas & oil produced in Michigan**

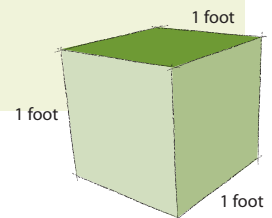


129 billion cubic feet of natural gas



7.8 million barrels of crude oil, condensate, and natural gas liquids

(Source: Michigan Department of Environmental Quality, Office of Oil, Gas & Minerals, 2012)



Exploring Oil and Natural Gas through Education

Michigan Oil & Gas Producers Education Foundation

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