

Michigan Wind Working Group

MPSC Update Michigan Renewable Energy Standard

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Michigan Public Service Commission

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MICHIGAN PUBLIC SERVICE COMMISSION

Michigan Renewable Energy Standard Public Act 295 of 2008

- 10% renewable energy standard (RPS) by 2015, with interim steps for 2012-13-14.



CLEAN, RENEWABLE, AND EFFICIENT ENERGY ACT Act 295 of 2008

AN ACT to require certain providers of electric service to establish renewable energy programs; to require certain providers of electric or natural gas service to establish energy optimization programs; to authorize the use of certain energy systems to meet the requirements of those programs; to provide for the approval of energy optimization service companies; to provide for certain charges on electric and natural gas bills; to promote energy conservation by state agencies and the public; to create a wind energy resource zone board and provide for its power and duties; to authorize the creation and implementation of wind energy resource zones; to provide for expedited transmission line siting certificates; to provide for a net metering program and the responsibilities of certain providers of electric service and customers with respect to net metering; to provide for fees; to prescribe the powers and duties of certain state agencies and officials; to require the promulgation of rules and the issuance of orders; and to provide for civil sanctions, remedies, and penalties.

History: 2008, Act 295, Imd. Eff. Oct. 6, 2008.

Compiler's note: Enacting section 1 of Act 295 of 2008 provides: "Enacting section 1. As provided in section 5 of 1846 RS 1, MCL 8.5, this act is severable."

The People of the State of Michigan enact:

PART 1. GENERAL PROVISIONS

460.1001 Short title; purpose of act.

Sec. 1. (1) This act shall be known and may be cited as the "clean, renewable, and efficient energy act."
(2) The purpose of this act is to promote the development of clean energy, renewable energy, and energy optimization through the implementation of a clean, renewable, and energy efficient standard that will cost-effectively do all of the following:

- Diversify the resources used to reliably meet the energy needs of consumers in this state.
- Provide greater energy security through the use of indigenous energy resources available within the state.
- Encourage private investment in renewable energy and energy efficiency.
- Provide improved air quality and other benefits to energy consumers and citizens of this state.

History: 2008, Act 295, Imd. Eff. Oct. 6, 2008.

Compiler's note: Enacting section 1 of Act 295 of 2008 provides: "Enacting section 1. As provided in section 5 of 1846 RS 1, MCL 8.5, this act is severable."

460.1003 Definitions; A to C.

Sec. 3. As used in this act:

- "Advanced cleaner energy" means electricity generated using an advanced cleaner energy system.
- "Advanced cleaner energy credit" means a credit certified under section 43 that represents generated advanced cleaner energy.
- "Advanced cleaner energy system" means any of the following:
 - A gasification facility.
 - An industrial cogeneration facility.
 - A coal-fired electric generating facility if 85% or more of the carbon dioxide emissions are captured and permanently geologically sequestered.
 - An electric generating facility or system that uses technologies not in commercial operation on the effective date of this act.
- "Affiliated transmission company" means that term as defined in the electric transmission line certification act, 1995 PA 30, MCL 460.562.
- "Applicable regional transmission organization" means a nonprofit, member-based organization governed by an independent board of directors that serves as the federal energy regulatory commission-approved regional transmission organization with oversight responsibility for the region that includes the provider's service territory.
- "Biomass" means any organic matter that is not derived from fossil fuels, that can be converted to usable fuel for the production of energy, and that replenishes over a human, not a geological, time frame, including, but not limited to, all of the following:
 - Agricultural crops and crop wastes.

Rendered Tuesday, February 17, 2009

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Michigan Compiled Laws Complete Through PA 586 of 2008

Courtesy of www.legislature.mi.gov



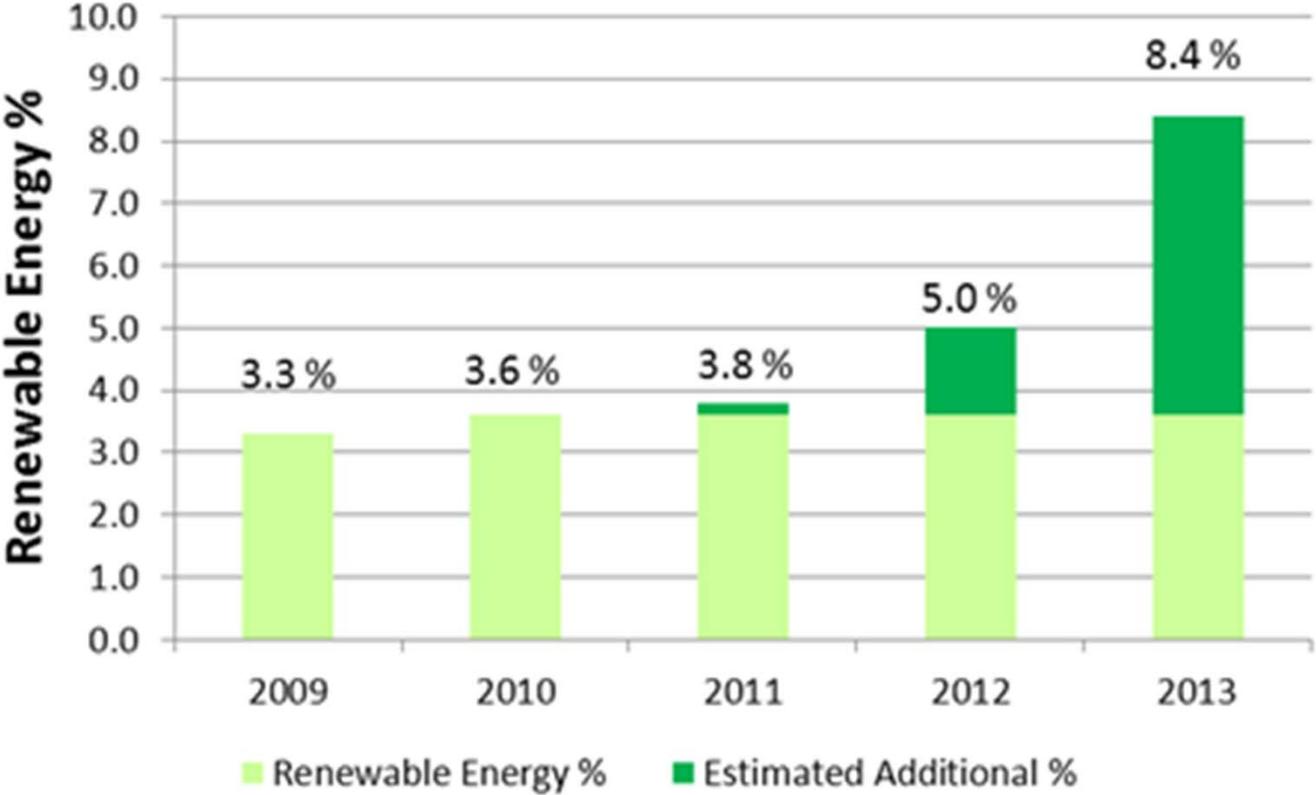
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February 15 Report on the Renewable Energy Standard



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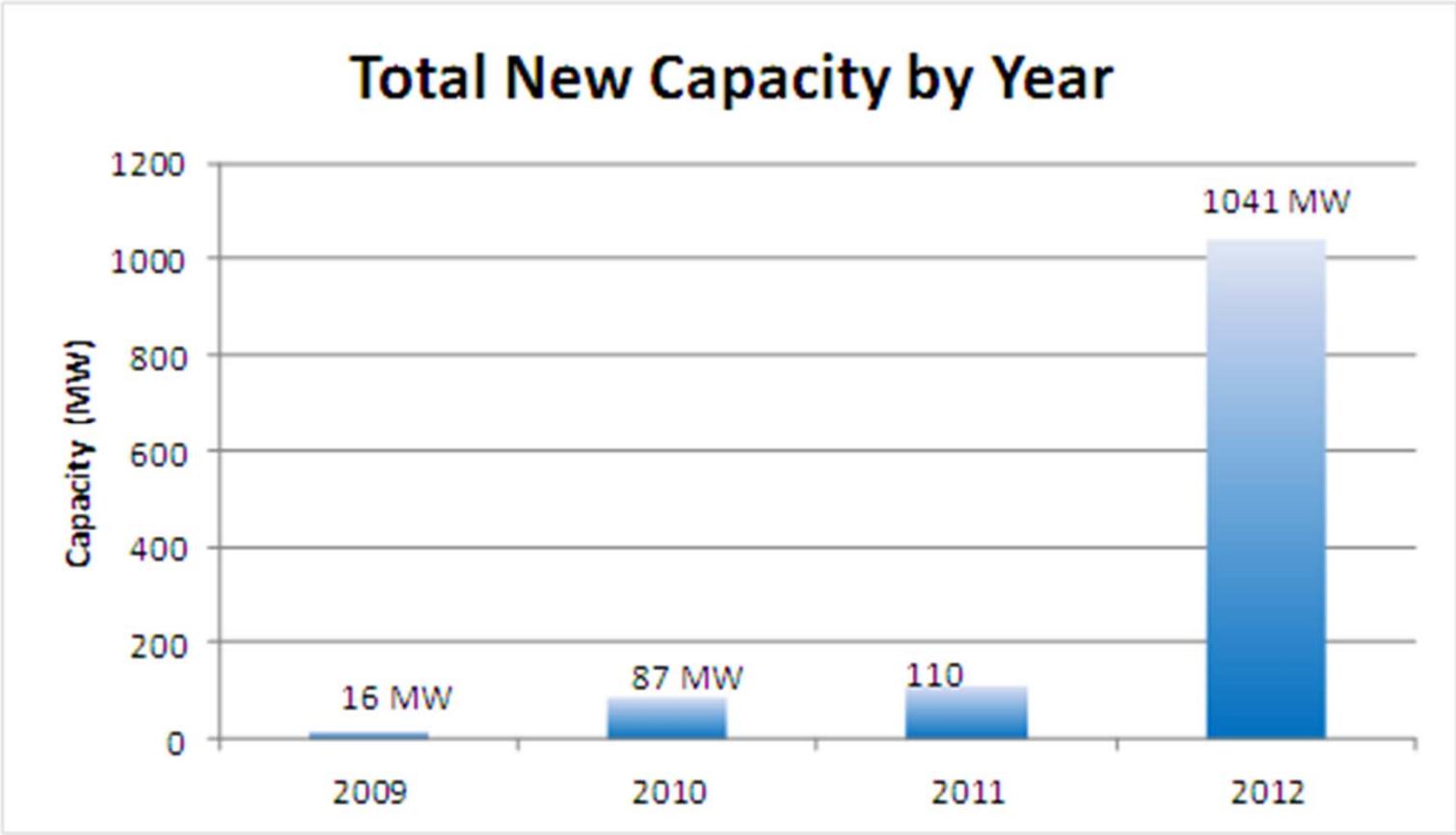
Estimated and Projected Renewable Energy Percentage Based on Act 295 Contracts Filed at the Commission



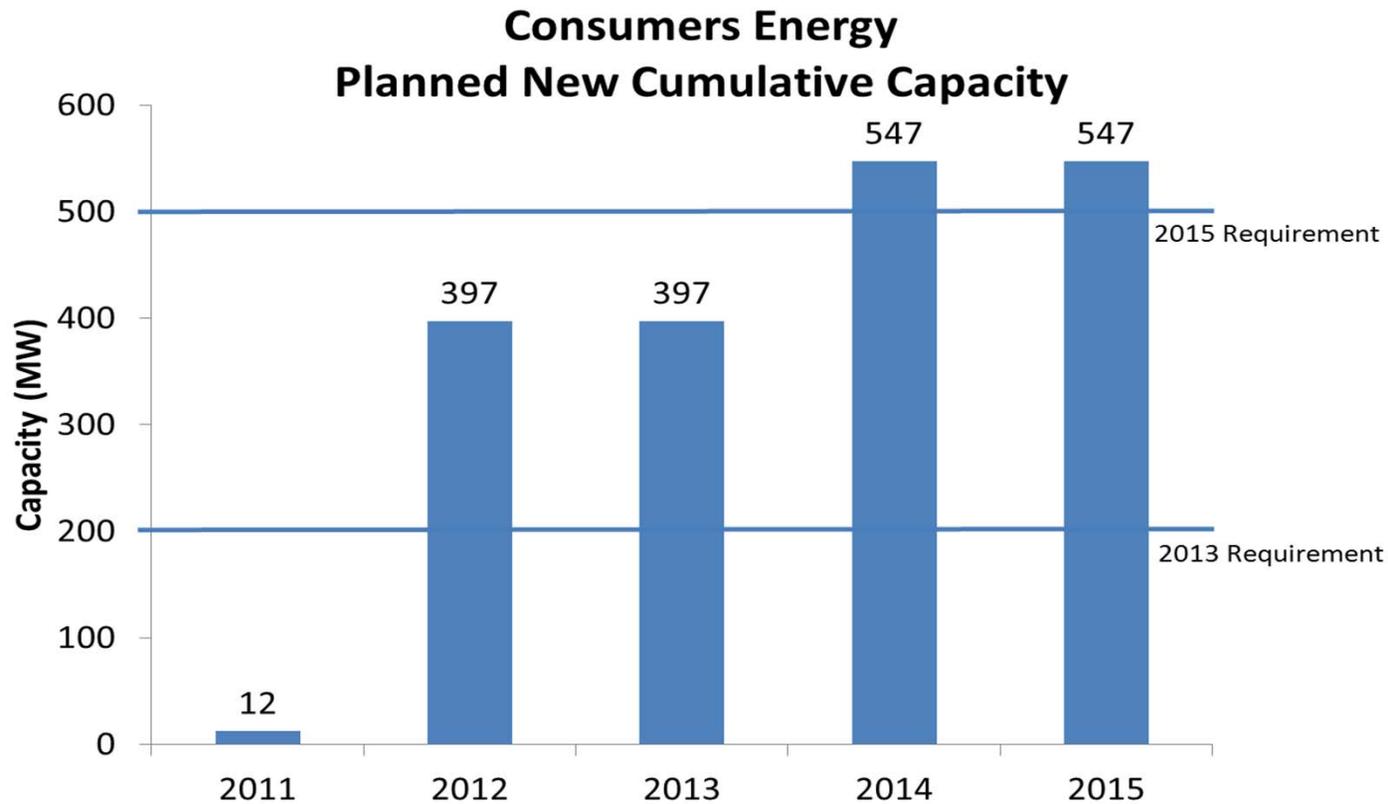
Source: Electric Provider Annual Reports and Act 295 Renewable Energy Contracts



Cumulative New Renewable Energy Capacity and Commercial Operation Dates



Planned New Cumulative Capacity through 2015 Consumers Energy

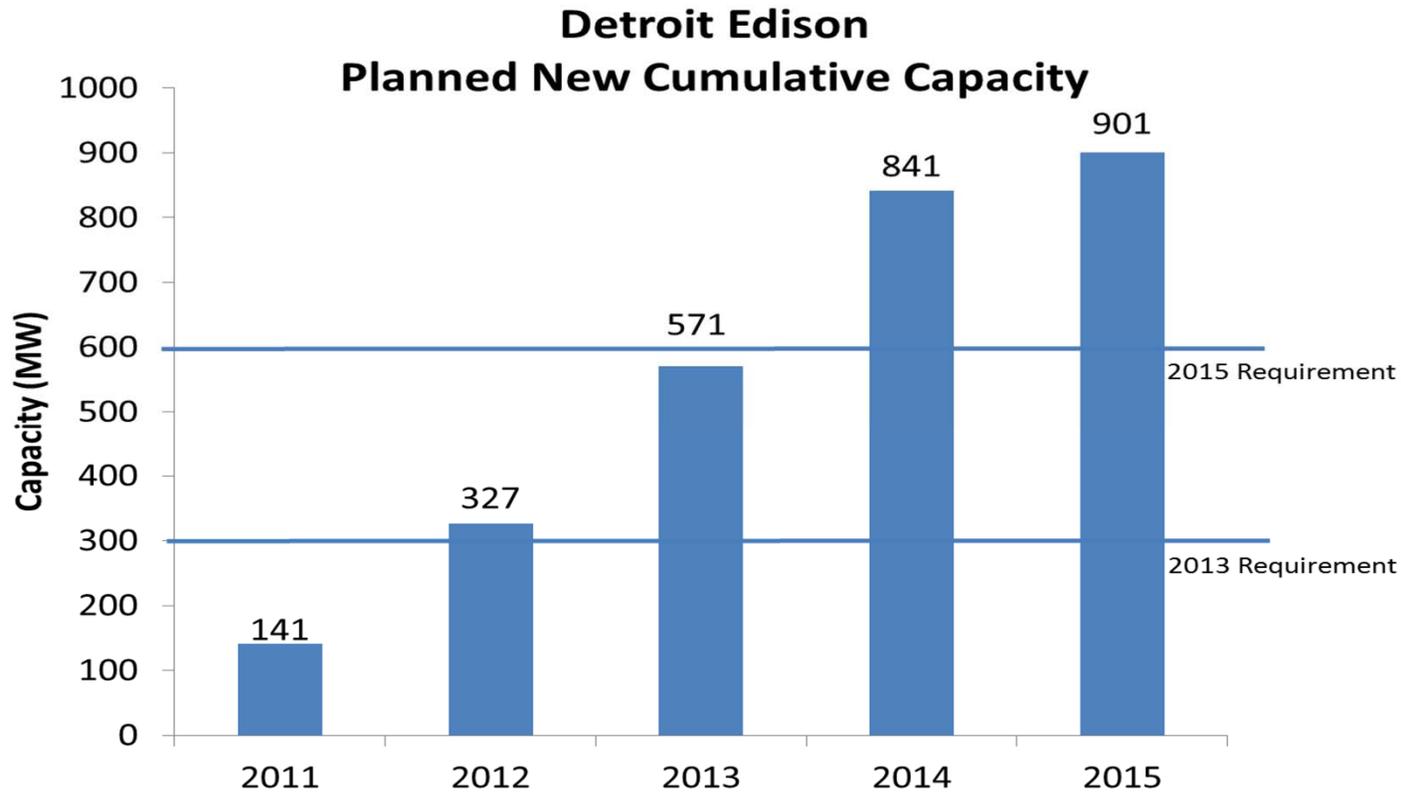


Source: MPSC Case No. U-16581, Renewable Energy Plan



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Planned New Cumulative Capacity through 2015 Detroit Edison



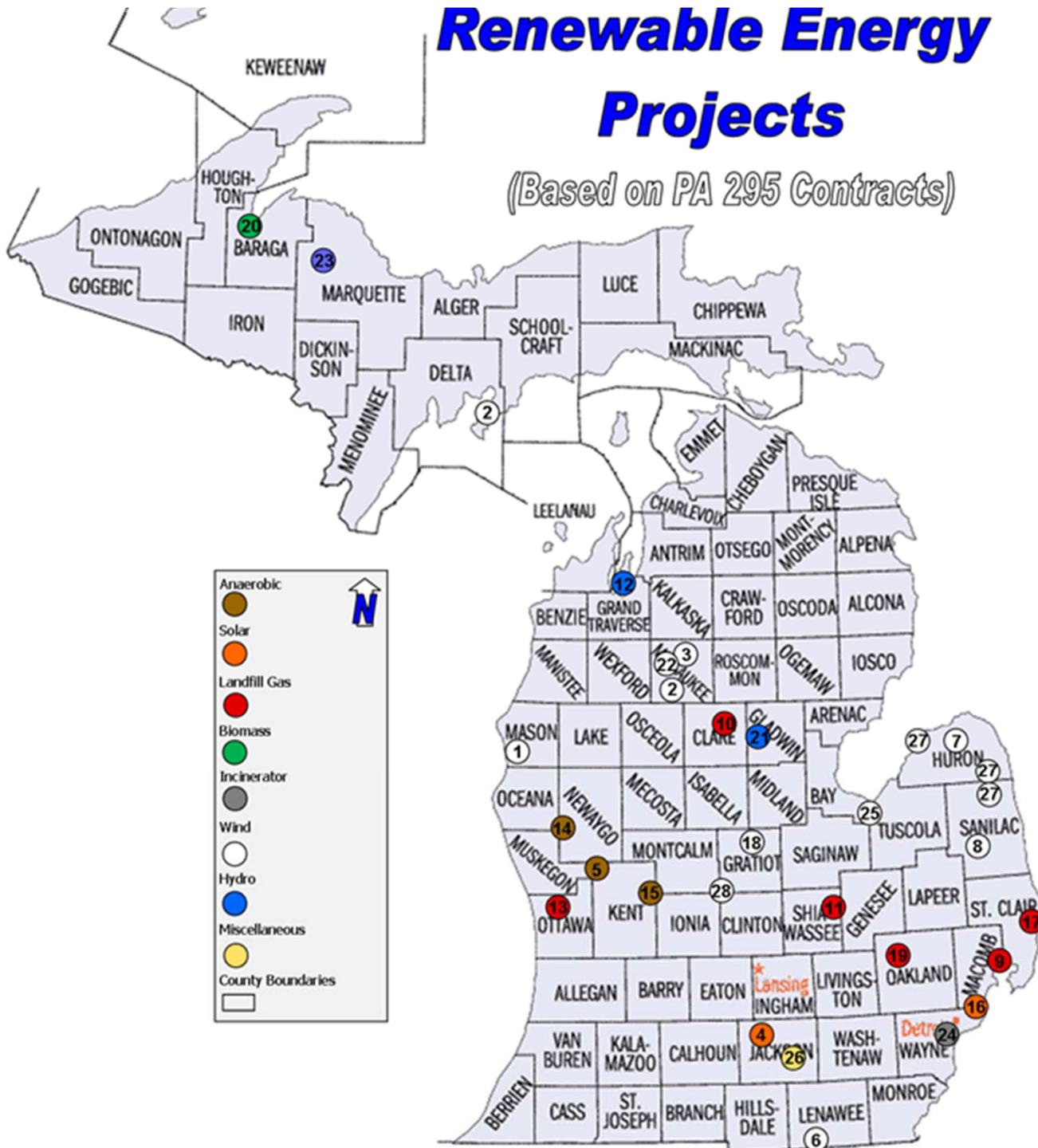
Source: MPSC Case No. U-16582, Renewable Energy Plan



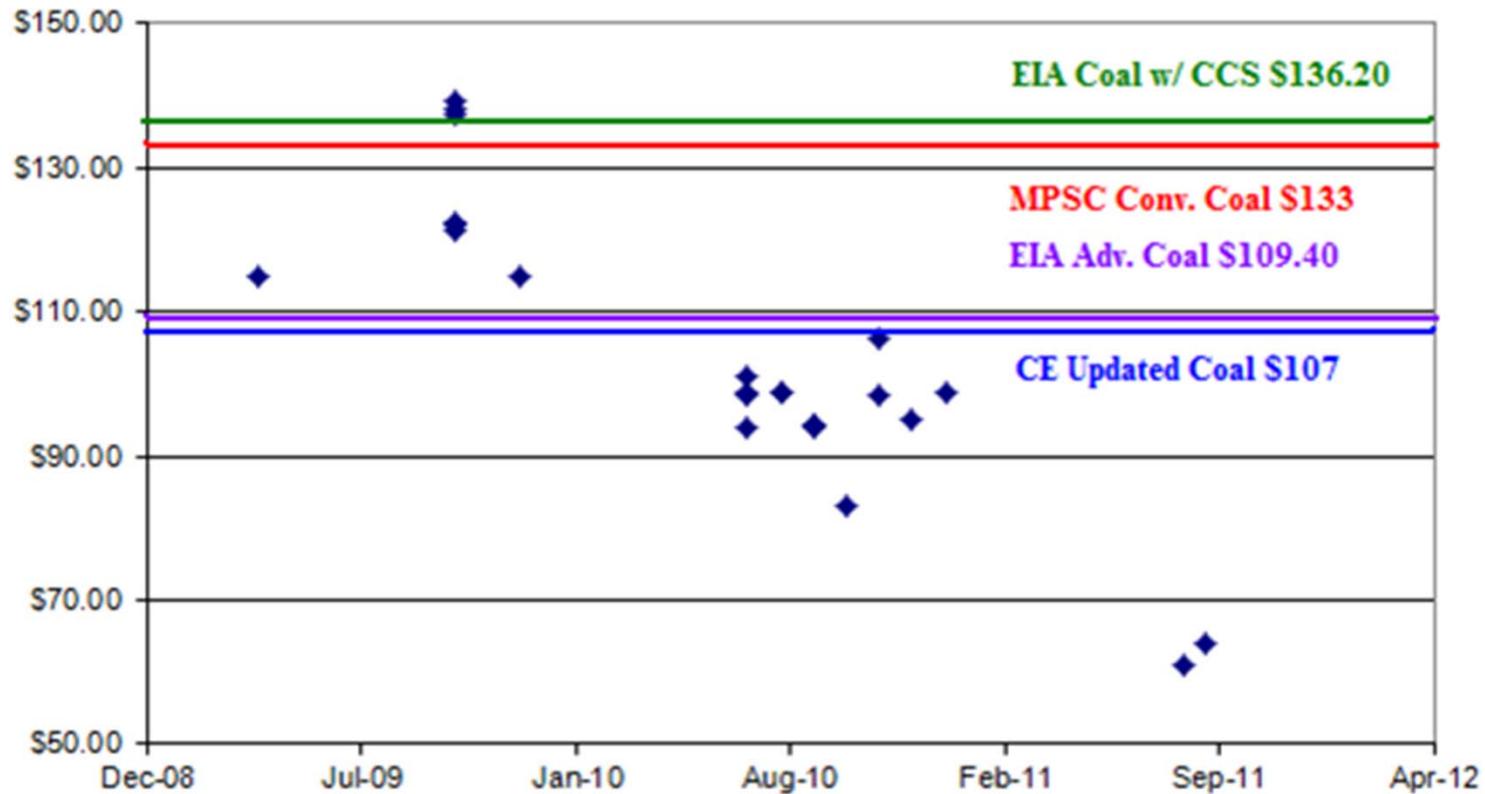
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Renewable Energy Projects

(Based on PA 295 Contracts)



Levelized Cost of MPSC Approved Contracts Over Time Compared to the Cost of New Coal Fired Facilities (\$ per MWh)



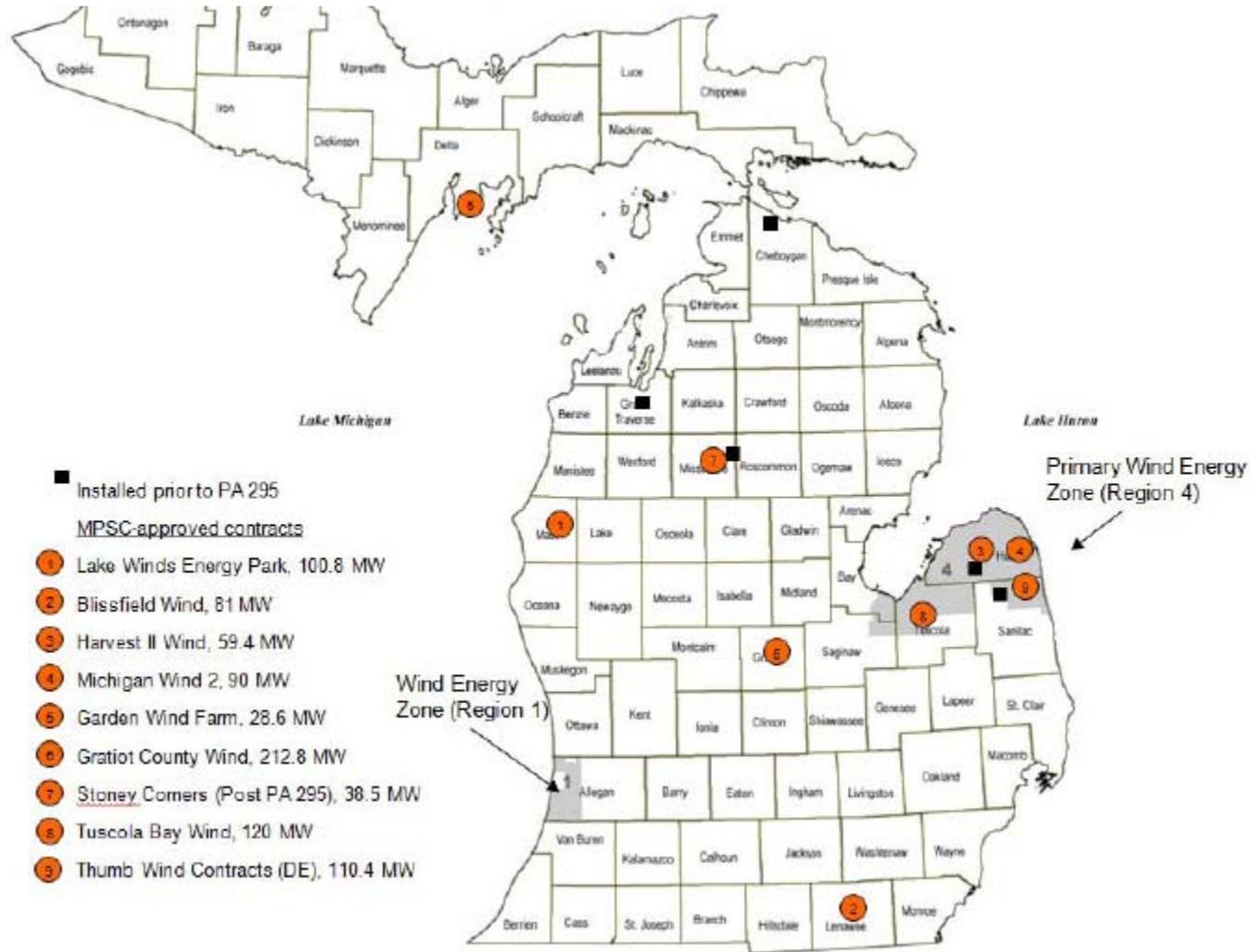
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March Report on the Implementation of Wind Energy Resource Zones



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MPSC-Designated Wind Zones



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Preliminary Net Metering Update

- Reports for 2011 have been filed
- Just over 1000 customers
- Approximately 6.1 MW total installed capacity
 - 5.2 MW Solar
 - 0.9 MW Wind



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