Moving Forward

Michigan Plug-in Electric Vehicle Preparedness Taskforce

Convened by Michigan Public Service Commission Chairman Orjiakor Isiogu, the taskforce's goal is to create a seamless customer experience and acceptance of plug-in electric vehicles (PEVs) in the state of Michigan.

Participants

Associated Builders and Contractors, Inc.
Clean Cities Coalition
Detroit Electrical Industry Training Center
Ecology Center
Edison Electric Institute
Ford Motor Company
General Motors
International Brotherhood of Electrical Workers
Michigan Municipal League
Michigan Counties Association
Michigan Department of Energy, Labor & Economic Growth
Michigan Department of Transportation
Michigan Department of Technology, Management & Budget
Michigan Electric & Gas Association
Michigan Electric Cooperatives Association
Michigan Municipal Electric Association
Michigan Townships Association
Michigan Public Service Commission
Michigan Utilities
- Consumers Energy
- DTE Energy
- Indiana-Michigan Power Company
- Lansing Board of Water & Light
- Upper Peninsula Power Company
- Wisconsin Public Service
- Other public and municipal utilities

NextEnergy
Renewable Energy Education Laboratory (REELAB)

www.pluginmichigan.org

What is a Plug-in Electric Vehicle?

Plug-in Electric Vehicles (PEVs) use electricity to move a vehicle's wheels and some or all of that electricity comes from our electric grid, from "plugging in." Plug-in capable vehicles come in three primary types:

- **Plug-in Hybrid Electric Vehicle (PHEV):** Uses petroleum fuel as its primary energy source with electricity from a battery supplementing the range of the vehicle. *For example, the 2012 Ford Escape.*
- **Extended Range Electric Vehicle (EREV):** Uses electricity as its primary fuel and petroleum fuel to supplement the range of the vehicle. *For example, the Chevrolet Volt.*
- **Battery Electric Vehicle (BEV):** Uses electricity as its energy source 100 percent of the time. *For example, the Nissan Leaf.*

Building the Foundation for Plug-in Electric Vehicles in Michigan

- Reducing home installation cost through Michigan building code modifications
- Demonstrating unified participation on a statewide level
- Positioning Michigan as a national leader
- Streamlining home, workplace and public charging
- Coordinating communication, education and training

Benefits of Electric Vehicles

- Promotes energy diversity
- Uses regenerative braking
- Lowers cost of vehicle operation
- Enables smart charging
- Energizes Michigan's economy