

# FINAL BILL REPORT

## HB 2317

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Synopsis as Enacted

**Brief Description:** Expanding the use of neighborhood and medium-speed electric vehicles.

**Sponsors:** Representatives Van De Wege, Tharinger, Pettigrew, Moeller and Magendanz.

**House Committee on Transportation**  
**Senate Committee on Transportation**

**Background:**

Neighborhood electric vehicles are defined by state law as self-propelled, electrically powered four-wheeled motor vehicles that can attain a speed between 20 and 25 miles per hour (mph) and must meet federal regulations for low-speed vehicles. Medium-speed electric vehicles are defined by state law as self-propelled, electrically powered four-wheeled motor vehicles that can attain a speed between 25 and 35 mph, are equipped with a roll cage or crush-proof body design, and must otherwise meet federal regulations for low-speed vehicles.

Federal regulations require low-speed vehicles to be equipped with headlamps, front and rear turn signal lamps, tail lamps, stop lamps, reflex reflectors, a driver's side exterior mirror, a passenger's side exterior or interior mirror, a parking brake, a windshield conforming to federal standards, a Vehicle Identification Number, and a seat belt conforming to federal standards.

Neighborhood and medium-speed electric vehicles are prohibited from operation on state highways. They are, however, permitted to operate on other roadways in the state with a speed limit of 35 mph or less (and of 45 mph or less in island counties with no roadway connection to the mainland). To be operated on these roadways, these vehicles must be registered and display a vehicle license plate, and the person operating them must have a valid driver's license and a valid motor vehicle liability policy.

Local authorities may regulate the operation of neighborhood and medium-speed electric vehicles on streets and highways under their jurisdiction by resolution or ordinance so long as it is consistent with state law, but local authorities may not: (1) authorize the operation of either type of vehicle on any part of the state highways system; (2) prohibit the operation of

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either type of vehicle on highways with a speed limit of 25 mph or less; or (3) establish requirements for registration and licensing of either type of vehicle.

There are approximately 330 neighborhood electric vehicles and 80 medium-speed electric vehicles registered in Washington. Of the 7,072 centerline miles that comprise the state highway system, 229 centerline miles, or roughly 3 percent of the total, have speed limits at or below 30 mph. Just under half of this lower-speed state highway is located in Federal Highway Administration (FHWA)-designated urban areas (areas with populations of 5,000 or greater) and just over half is located in FHWA-designated rural areas.

**Summary:**

Neighborhood and medium-speed electric vehicles are permitted on state highways with speed limits of 30 mph or less.

**Votes on Final Passage:**

House	97	0
Senate	44	3

**Effective:** April 1, 2016