



Media Alert–Museum installs Roanoke's first electric vehicle charging station

MEDIA ALERT

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Virginia Museum of Transportation announces the installation of an electric vehicle charging station

Designed and manufactured by Eaton, the electric charging station is the first to be installed in downtown Roanoke

Roanoke, VA – The Virginia Museum of Transportation announces it is installing an Eaton Level 2 Pow-R-Station electric vehicle charging station at the Museum in downtown Roanoke.

The charging station is part of the Museum's efforts to highlight emerging transportation technologies and their impact on community development throughout the Commonwealth. "Alternative energies and fuels have an important place in the future of transportation," says Beverly T. Fitzpatrick, Jr., executive director of the Museum.

Plug-in electric vehicles offer improved fuel economy, lower emissions and strong acceleration with a quiet operation – all from a domestic energy source. Some industry forecasts predict an annual volume of 400,000 battery-operated electric vehicles in North America by 2020. These electric vehicles will require substantial residential, commercial and public infrastructure to support them.

"We're thrilled to have the first charging station in downtown Roanoke," says Fitzpatrick. "Our hope is that it doesn't end here. We'd like to see more power stations throughout the Roanoke Valley."

The Eaton Level 2 Pow-R-Station is NEMA 3R-rated for outdoor use. The charging station supplies the connection to the grid where the vehicles are parked and provides the electric car's onboard charger with the electricity it needs to refill the battery.

The Level 2 Pow-R-Station will easily fill a depleted all-electric vehicle battery in four to six hours.

The charging station is mounted in front of the Museum. When the installation is completed, the charging station will accept credit cards for payment.

The project was made possible by the Eaton Corporation, City Electric Supply, the Davis H. Elliot Company, and Advance Auto Parts.

How the Eaton Level 2 Pow-R-Station Electric Vehicle Charging Station works

- Driver attaches the Level 2 Pow-R-Station connector to the electric vehicle. The Level 2 Pow-R-Station confirms that it is an electric vehicle by “waking it up.”
- Once the charger confirms the connection to the vehicle, the vehicle tests to ensure that it’s connected to the electric vehicle supply equipment (ESVE).
- The charging station responds by indicating the available line current. The available line current is the maximum current the electric vehicle is allowed to draw.

Specs for the Level 2 Pow-R-Station Electric Vehicle Charging Station

Amp: 30
Voltage: 208/240v
Phase: Single
Wire: 3
Frequency: 60Hz
Made in America

About the Virginia Museum of Transportation

Home to two of the most powerful steam locomotives in existence today—the N&W Class A 1218 and the N&W Class J 611—the Virginia Museum of Transportation regularly attracts visitors of all ages from across the U.S. and around the world. Through exhibits, artifacts, and an outstanding collection of rail equipment, cars, trucks, airplanes, and more, the Museum tells the rich story of Virginia’s transportation history.

The Virginia Museum of Transportation is the Official Transportation Museum of the Commonwealth of Virginia, but receives no state funding. In 2010, the Museum was named the Non-Profit Arts & Culture Small Business of the Year by the Roanoke Regional Chamber of Commerce. The Museum is located in the historic N&W Freight Station at 303 Norfolk Avenue SW, Roanoke, VA 24016. Open Monday-Saturday 10-5 and Sunday 1-5. [540/342.5670](tel:5403425670). www.vmt.org

About the Eaton Corporation

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