

REPORT UPDATE MEMO

TO: Sources

FROM: Synthesis Partners Research Team
POC: Steve Johnson, Senior Researcher & Chris Whaling, PI

DATE: 24 September 2019

RE: Corrections to 2018 report, "Class 3-8 Hybrid and Electric Vehicles Operating on North American Roads: Supply Chain Assessment of Vehicles, Drive-Train Motors, Inverters, Converters and Batteries".

Introduction

We very much appreciate the original information and comments that many of you offered during the research process, and on the final results, of our Class 3-8 Hybrid and Electric Vehicles report. Following are two key producer count refinements and corrections we determined to be most significant based on your comments.

Please contact us at sjohnson@synthesispartners.com or cwhaling@synthesispartners.com with any additional comments or questions. Thank you.

Chanje Energy

In Figure 8 on pg. 13 of the report, we stated that Chanje Energy had approximately 500 HEV/PEV trucks in operation in North America. This is not correct. The accurate figure is between 25-125 trucks. This updated information is drawn from the following 2 sources:

- 06-07-18: Ryder System, Inc. announced today that it has reserved 500 new Chanje Energy medium-duty electric panel vans

Source: "Ryder Expands Leadership in Commercial Electric Vehicles, Places Reservation for Additional 500 Chanje Electric Vans", Ryder Systems Inc., Press Release, 06-07-18, <http://newsroom.ryder.com/press-release/fleet-management-solutions-products/ryder-expands-leadership-commercial-electric-vehic>, accessed 06-20-18.

- 11-02-17: Ryder System Inc. took delivery in New York of the first 25 of a 125-truck order from Chanje of V8070 medium-duty Class 2 electric delivery vans. The remaining vans in the order will continue to arrive incrementally until early next year.

Source: "Drive of Chanje Electric Van Reveals Impressive Vehicle", John O'Dell, Trucks.com, 11-03-17, <https://www.trucks.com/2017/11/03/first-drive-chanje-electric-van/>, 12-19-17.

Electric Vehicles International (EVI)

Also in Figure 8, we stated that EVI had approximately 1,500 HEV/PEV trucks in operation in North America. This number is most likely not correct. Also, First Priority GreenFleet acquired EVI in March 2016. Following are the sources identified for EVI HEV/PEV vehicles in operation. The numbers provided do not specify whether they are global figures or country-specific figures and do not state whether EVI HEV/PEV forklifts are included in the count.

- 06-06-18: More than 100 electric vehicles built by Freightliner Custom Chassis Corp. in 2012 with supplier Electric Vehicles International (EVI) on the MT-55 walk-in van chassis are still on the roads today.

Source: "Daimler Trucks North America Unveils Two Freightliner Electric Vehicle Models and Freightliner Electric Innovation Fleet", Daimler Trucks North America, Press Release, 06-06-18, <https://daimler-trucksnorthamerica.com/influence/press-releases/#daimler-trucks-north-america-unveils-two-2018-06-06>, accessed 06-25-18.

- 03-08-16: EVI has sold over 1,000 vehicles.

Source: "First Priority GreenFleet Ltd Acquires Assets of Electric Vehicles International LLC", EVI USA Press Release, 03-08-16, <http://www.evi-usa.com/LinkClick.aspx?fileticket=ITsoWT5T4Ps%3d&tabid=80>, accessed 11/16-17.

- 11-09-09: EVI has sold 1,000 vehicles since its inception in 1989.

Source: "Electric Vehicles International Brings Electric Delivery Vans to California", Susan Kraemer, Gas2, 11-09-09, <https://gas2.org/2009/11/09/electric-vehicles-international-brings-electric-delivery-vans-to-california/>, accessed 06-27-18.

- 03-26-09: EVI has over 2,000 vehicles in operation.

Source: "EVI Rolls Out Hybrid and Electric Trucks", Fleet Owner, 03-26-09, <http://www.fleetowner.com/green/full-electric-evi-vehicles-0326>, accessed 06-27-18.
