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Environmental Impact of 2017 Chrysler Pacifica Hybrid 31 Percent Less Than Previous-generation Minivan

Each Pacifica Hybrid has potential to account for 21-metric-tonne reduction in GHG emissions, over its first 120,000 miles of operation

- All-new 2017 Chrysler Pacifica Hybrid delivers 31-percent reduction in Global Warming Potential (GWP), compared with previous-generation, gas-powered Chrysler minivan
- Emissions-reduction over prescribed travel distance equivalent to average annual CO₂ output of 22 American households
- Most fuel-efficient minivan ever, with EPA fuel-economy rating of 84 MPGe
- Arriving at U.S. dealerships in Q1; with available \$7,500 federal tax credit, all-new Chrysler Pacifica Hybrid starts as low as \$34,495

January 10, 2017, Detroit - The all-new [2017 Chrysler Pacifica Hybrid](#), the most efficient minivan of all time, offers consumers a brighter shade of green performance.

How much brighter? Just over 31 percent, compared with the previous-generation, gasoline-powered Chrysler minivan.

The improvement was calculated by FCA US engineers who used industry-standard software. The software determines Global Warming Potential (GWP), which considers the environmental impact of fuel production and delivery, along with the implications of the vehicle's own fuel consumption.

Such calculations are based on 120,000 miles (200,000 km) of operation. And improvements are measured by contrasting anticipated CO₂-equivalent greenhouse-gas (GHG) emissions, with those of comparable vehicles.

CO₂-equivalent, or CO₂e, is a term for describing various greenhouse gases as a common unit. For any quantity and type of greenhouse gas, CO₂e signifies the amount of CO₂ that would have the equivalent effect on global warming.

Compared with the previous-generation Chrysler minivan, the all-new Chrysler Pacifica Hybrid – having traveled the prescribed distance – could account for a 21-metric-tonne reduction in CO₂e GHG emissions.

“And that’s for a single Chrysler Pacifica Hybrid,” noted [Phil Jansen](#), Head of Product Development. “With each one that drives off a dealer’s lot, the emissions-savings are multiplied accordingly. The introduction of the Chrysler Pacifica Hybrid represents a major milestone for the auto industry, as well as society at large.”

Expressed other ways, a 2017 Chrysler Pacifica Hybrid’s potential emissions-savings are equivalent to:

- the average annual CO₂ output of 22 American households
- 14 commercial flights from Detroit to Los Angeles
- driving the average U.S. passenger vehicle more than 50,000 miles

The Pacifica Hybrid delivers a 24-percent reduction in GWP, when compared with its gasoline-powered stablemate. This despite a curb-weight differential that favors the 2017 gas-powered Pacifica by approximately 650 pounds.

Such disparities are inherent in hybrid-vehicle production, largely because of the need to accommodate large battery packs. And such accommodations often trigger additional carbon emissions.

However, the Pacifica Hybrid's unique powertrain helps offset the effects of added weight. It features a specially adapted version of the award-winning 3.6-liter V-6 engine, mated to a dual-motor, eFlite electrically variable transmission.

This advanced technology helped the 2017 Chrysler Pacifica Hybrid minivan achieve a fuel-economy rating of 84 miles-per-gallon-equivalent (MPGe) from the U.S. Environmental Protection Agency (EPA). No minivan has ever been rated higher.

The all-new Pacifica Hybrid begins arriving at U.S. dealerships in first-quarter 2017. With available \$7,500 federal tax credit, pricing starts as low as \$34,495, not including any state or local incentives.

Chrysler Brand

The Chrysler brand has delighted customers with distinctive designs, craftsmanship, and advanced innovation and technology since the company was founded in 1925. Chrysler continues to build on that nearly 100-year legacy of creating ingenious products and technologies for mainstream customers, moving forward on an electrified transformation that will launch the brand's first battery-electric vehicle in 2025 and an all-electric portfolio in 2028.

The Chrysler Pacifica continues to reinvent the minivan, a segment Chrysler created 40 years ago. The Chrysler Pacifica Plug-in Hybrid symbolizes the brand's electrification evolution, representing the first electrified minivan in the segment and achieving 82 MPGe, an all-electric range of 32 miles and a total range of 520 miles. Chrysler Pacifica delivers the most standard safety features and most advanced available all-wheel-drive system in its class and is also the most awarded minivan over the last seven years with more than 175 honors and industry accolades since its introduction as a minivan.

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