



US Hybrid Receives Orders for Fuel Cell Electric Street Sweeper for Caltrans

Created by FuelCellsWorks, May 17, 2017

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US Hybrid is pleased to announce that it has received an order from Global Environmental Product “GEP” to produce fuel cell electric street sweeper for California Department of Transportation “Caltrans”.

Long Beach, California--The fuel cell powered street sweepers are manufactured in San Bernardino CA by GEP, the electric powertrain is manufactured in Torrance CA and the fuel cell is manufactured in South Windsor. The Fuel Cell Electric street sweeper order is the result of a successful five-year demonstration and operation of the diesel hybrid electric street sweeper for New York Department of Sanitation’s since 2009, with the last fleet including the export power for powering the building and tools during emergency situations.

These zero emission street sweepers will be powered by an advanced freeze capable, high efficiency FCe™80, 80kW fuel cell engines with 200kW direct electric drive powertrain system with electric drive auxiliaries. The fuel cell street sweeper will reduce fuel consumption to less than half with fast fueling and 24/7 operation. The fuel cell electric design is more operator-friendly and reliable with significant reductions in operating noise and reduced fuel and maintenance costs.

“Global is the leader in reduction of greenhouse gasses in the sweeper industry, and we are committed to further develop advanced electric hybrid technology for its street sweepers as the technology evolves,” said the **President and CEO of Global Environmental Products, Walter Pusic.**

Dr. Abas Goodarzi, US Hybrid president and CEO, noted, “US Hybrid’s proven power electric powertrain and fuel cell engine technology will provide Caltrans with clean, quiet sweepers that will dramatically reduce street-level emissions. US Hybrid focuses on niche applications that will be most benefited by zero emission technology, and the street sweeper’s low speeds, curbside presence, and power demand make it an optimal application to showcase the fuel savings and zero emission that our products provide.”

US Hybrid's power train components and system are designed and manufactured at US Hybrid’s new streamlined production facility in Torrance. The fuel cell and electric powertrain components are then integrated by GEP at their San Bernardino, California facility. US Hybrid and GEP are proud to create jobs for Californians to serve a cleaner California.



Michael Matkovic and Spiro Kattan of the New York City Department of Sanitation, Global Environmental Products president and CEO Walter Pusic (center with arm upraised), deputy Sanitation commissioner Rocco DiRico of New York, and US Hybrid president and CEO Dr. Abas Goodarzi, at top right, at ACT Expo 2014 in Long Beach, Calif. Mel Lindstrom photo

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