

REDWOOD PRODUCTS FLEET CASE STUDY

Redwood Products received \$23,000 in incentives through the Heavy-Duty Vehicle Voucher Incentive Project (HVIP) for one (1) hybrid-electric vehicle from Hino Motors. Hino Motor's Model 195h hybrid-electric system has an innovative Hybrid Adaptive Control System that uses driving and road conditions to optimize the truck's fuel economy and performance. This vehicle is part of Hino's sixth generation of technologies.



FLEET PROFILE

Name	Redwood Products
Services	Lumber and Landscaping
Employees	50
Area Covered.....	California, Arizona, Nevada, New Mexico
Voucher Amount	\$23,000
Technology	Hybrid-Electric

Company Profile

Redwood Products serves the lumber and landscape industries in California. In business since 1991, Redwood Products provides its clients with varieties of trees and plants, wood stakes, bamboo stakes, high grade lumber, buckets, soils, planting mixes, wood chips, and different sizes of wooden boxes. Since much of its business involves transporting heavy goods, Redwood Products was looking for a small and fuel-efficient truck that could carry common customer orders, like trees and pallets of wooden boxes.

Business Case for Clean Vehicles

The Hino 195h system includes an engine that has been engineered for maximized performance and fuel economy and includes a Selective Catalytic Reduction technology that reduces emissions of oxides of Nitrogen (NOx) by more than 80%. The vehicle's improved fuel economy is also responsible for reducing overall carbon dioxide (CO2) emissions and lowers operating costs. When Redwood Products used their hybrid truck to complete smaller orders, it discovered that the truck was more efficient compared to their conventional vehicles and saved them time during deliveries while reducing fuel costs.

Serving the Community

Since purchasing the hybrid vehicle in May 2015, Redwood Products' employees have enjoyed the truck's simplicity of operation and quality performance. The company is located in a designated disadvantaged community, indicating underprivileged areas disproportionately affected by environmental pollution and degradation. Redwood Products is proud to be doing their part to improve their surrounding neighborhoods in their business community.

About HVIP

The Hybrid and Zero-Emission Truck and Bus Voucher Incentive Project (HVIP) is a unique and streamlined program to help speed the early market introduction of clean, low-carbon hybrid and electric trucks and buses. HVIP accomplishes this by addressing the biggest barrier to the purchase of medium- and heavy-duty advanced trucks: the high incremental cost of these vehicles in the early market years when production volumes are still low. All fleets are eligible, whether they're public or private, large or small.

