

## QUALITY CARPET CLEANING FLEET CASE STUDY

Quality Carpet Cleaning received \$8,792 in incentives through Drive Clean Chicago for one (1) hybrid electric vehicle from XL Hybrids. By harnessing braking energy to generate electricity for the vehicle's electric battery, the company spends less on fuel costs.



### FLEET PROFILE

Name .....	Quality Carpet Cleaning
Services .....	Carpet and Upholstery Cleaning
Employees .....	1-2
Area Covered .....	Bolingbrook and Surrounding Area
Voucher Amount .....	\$8,792
Technology .....	Hybrid-Electric

### Company Profile

Anthony Voitovich, owner and sole operator of Quality Carpet Cleaning, has been in the upholstery cleaning industry for 28 years. He serves the Bolingbrook community and surrounding neighborhoods in the southwest suburbs of Chicago. The vehicle Anthony uses for his business plays an important role in providing energy to his carpet cleaning equipment. Disappointed with the higher fuel consumption of his conventional gasoline-powered vehicle, Anthony explored other vehicle technologies that could support his onsite business needs while reducing fuel consumption and cost.

### Business Case for Clean Vehicles

XL Hybrids installed a battery pack, traction motor, and controller onto the underside of the van chassis to capture braking energy. Quality Carpet Cleaning's new low emission hybrid system has led to a 20 percent reduction in fuel use, lower maintenance cost, and an increase in operational efficiency by reducing time spent at the pump. Because there is limited cargo space in the vehicle, the lightweight design of the XL Hybrids system is a win-win, allowing Anthony to maximize his van's space without damaging his cleaning equipment. He predicts a return on his investment in 2.5 years.

### Serving the Community

Hybrid vehicle applications work very well for delivery, transit, and cargo transport operations that experience frequent braking. The van's positive performance and benefits lead Anthony to continually recommend hybrid electric vehicles to his peers. Quality Carpet Cleaning's customers have noticed the improved benefits of the hybrid system and appreciate the company's goals to help the environment.

### About Drive Clean Chicago

The Drive Clean Chicago Program (DCC) is a unique and streamlined incentive program to help create a roadmap for a greater alternative fuel transportation network for Chicago. DCC 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.

