

CASE STUDY



Flushing, NY

Challenge: Gillette needed to overcome three separate challenges to meet the customer's needs.

Solution: SPVD-2500 Volvo powered standby diesel generator.



This project involves a 250KW Standby diesel generator, the SPVD-2500 Volvo powered standby diesel generator fit the need. The project was for a high-rise hotel installation in Flushing, NY. There are many layers of codes, restrictions and requirements in the power generation industry, primarily the NYC Rooftop code.

In partnership, Genserve, Inc with its market knowledge of the codes and requirements, and Gillette's technical expertise teamed up to meet the needs of the customer, while meeting those requirements of the city to successfully pass and obtain the necessary permits to construct.

There were several factors that made Gillette the right choice.

#1. Delivery timeline. Customer needed the generator in 4 weeks. Gillette met that challenge.

#2. Sound level was critical, Gillette provided a standard level 3 sound attenuated enclosure, with hospital grade silencer, and R-7 foam insulation in the exhaust chute to bring the overall sound level rating down to 65 Db@ 23ft. Meeting the needs of both the customer and city. Without the expense of a custom built enclosure, other vendors proposed, Additionally due to the installation being so close in proximity to salt water, there were concerns about salt spray and wind loads. Gillette met that challenge with a aluminum and 180mph wind load certified enclosure without the custom price tag other vendors had to offer to meet the needs and requirements presented.

#3. Another challenge was the need for multiple breakers to be installed to accommodate the isolation of the elevator, fire control system and building emergency power service panels, which all needed to be fed to separate circuits from the generator. Gillette met that challenge by providing an engineered solution with multiple breakers installed at the factory, while maintaining UL 2200. This in itself saved both the electrical contractor and the customer additional costs on the overall project.

The installation was a great success as you can see from the pictures provided, ensuring complete satisfaction for our dealer and their customer!

Gillette's willingness level to offer custom engineered solutions is a valuable service to dealers. Striving to ensure we meet the needs of our Dealer/Customers, while staying within the parameters of required industry regulations and standards. Offering a cost effective, solid solution for challenging installations gives our Dealer/Customers the advantage they need to win more business!