

NGVs ARE CLEANING UP IN REFUSE APPLICATIONS

An ever-increasing number of public and private refuse fleets are putting natural gas-powered collection, roll-off and transfer vehicles on their routes because they're cleaner and quieter than diesel units and deliver the same power and performance that drivers want. Refuse truck duty-cycles, low MPG ratings and yearly engine operation hours translate into high fuel usage. This makes them ideal candidates for natural gas as fuel costs can be as much 20-40% cheaper per gallon-equivalent and natural gas' clean burning attributes mean less maintenance, longer engine life and better resale value. Several natural gas engine options are offered by the major chassis OEMs and, for those who want to retrofit or repower existing vehicles, there are several suppliers who offer fully integrated EPA- and CARB-certified gaseous-fuel systems.



While some local governments elect to install their fueling facilities "inside-the-fence" to service their refuse and other municipal vehicles, others include public access pumps to facilitate NGV use by other area fleets and individuals.



Refuse operators can choose from a wide variety of collection, roll-off and transfer vehicle models. Both LNG and CNG on-board fuel storage options are available; each offers its own advantages. L/CNG stations offer additional flexibility.



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Many cities promote use of CNG- and LNG-powered refuse vehicles through their favorable clean vehicle procurement and/or contracting policies.