

“NGV”, a new economical, safe, and environmental friendly choice.

One never heard of Natural Gas for Vehicles (NGV) seems to miss the trend where alternative fuels are gaining popularity. NGV, particularly, is the new choice for motorists who look for save and clean fuel that comes with high safety.

NGV is one form of hydrocarbons found in nature and largely comprises of methane that makes it lighter than the air. Generally, it is compressed in special-designed tank with high durability and strength; therefore, it is also called Compressed Natural Gas (CNG). Due to its unique quality in which it is lighter than the air, NGV provides high safety when leaking because the gas would rapidly disperse upward, making it more difficult to catch fire when spark. In comparison, it is not recommended to use liquefied propane gas (LPG) or cooking gas as automotive fuel because LPG is heavier than the air. With poor installation or careless usage, LPG can be dangerous when using as automobile fuel because if it is leaked, the gas would be floating low on the floor and could easily catch fire by just a little of spark. In addition, NGV is 35% cheaper than LPG. Until at least ending of 2007, PTT is currently fixed the NGV price at Baht8.5 per kilogram in every station (exclude the area where transportation cost is required). Although the trend indicates that there will be a higher revision of oil prices, PTT confirms that NGV prices will be fixed at or below 50% of diesel prices.

PTT is trying to expand NGV Stations to gain coverage throughout the country in order to provide convenient to both retail and industrial users. At present, there are 130 NGV Stations, and by ending 2007, it is expected to reach 270 stations. And by ending 2011, the number will be increased to 535 stations. Under PTT’s expansion plan, it is believed to provide such a great convenient to motorists. At the moment, PTT has offered a special NGV installation program in which any cash payment for NGV installation will be given Baht10,000 discount. PTT also joins hands with 3 financial institutions – Thanachart Bank PCL, Aeon Thanasinsub (Thailand) PCL, and Krungthai Card PCL – in launching the “NGV 0% Loans” Program. Customer who joins the program will be offered a free down-payment and a 0% loan. Monthly repayment terms are available from 10 to 36 months, up to the condition of each financial institution. “NGV 0% Loans” Program lasts until September 30, 2007.

Amid the current high oil prices, NGV becomes another choice of fuel for the future that fully equipped with expense saving, safety, and pollution free. For more information, please contact PTT Call Center 1365 NGV press 5.

Installation and tuning costs / Break even point			
Type of Automobile	Installation Expenses / Equipments (Thousand Baht)	Driving Distant Per Day (k.m.)	Break Even (month) Fuel Prices As Of June 2007
Gasoline Car	36-65	100	6-10
Diesel Car			
• Truck/Van (DDF)	36-50	100	15-22
• Heavy Truck/Bus			
- DDF	125-200	300	6-9
- Dedicated (Modify)	460-600	300	8-12
- Re-powered	1,000-1,500	300	17-26