

2017 Natural Gas Playbook Initial Assessment Guide

The Initial Assessment is designed as a guideline for a review of a fleets natural gas vehicle plans. This Assessment provides inputs to the Playbook GHG and Payback calculators and provides additional information for our representatives to help customers with their natural gas project. There are also key questions to help provide important information to OEMs for vehicle specifications and for service and support during operation.

Date: _____
Customer: _____ **Location(s):** _____
Key Contact: _____ **Location(s):** _____

FLEET PROFILE:

Application:
 Truck Refuse Transit Vocational School Bus Other: _____

 Public or Private **Total Units in Fleet:** _____
 Own or Lease **Medium Duty:** _____ **Heavy Duty:** _____
Preferred OEM/ OEM Dealer: _____
OEM/ OEM Dealer proximity to your location: _____

FUEL USAGE/ RANGE/POWERSPEC INPUTS:

Average # of miles/hours annually per vehicle: _____ **Miles/KM** _____ **Hours** _____
What is your current range between fueling stops? _____ **Miles/KM** _____ **Hours** _____
Current fleet average fuel economy? _____
What is the vehicle intended cruise speed? _____
For vehicle gearing what is your preference? Performance Balance Fuel Economy
Fleet Top Speed in High Gear in MPH/KPH: _____
What is your average daily idle time? _____ %
Vehicle Tire Size? _____
Transmission OEM: _____ Automatic Manual

OPERATION:

Are you a return to base fleet? Yes No _____
Is there Service Support available on your dedicated route? Yes No _____

ENVIRONMENT AND TERRAIN:

Climate (Cold/hot/wet/dry weather operation): _____
Environment (i.e. clean, dusty etc): _____
Terrain (Flat, high grades, urban, highway): _____
Time on soft surface: _____ %

ENGINE INFORMATION:

What engine make/model is typically used? _____ **HP:** _____ **Torque:** _____
What is your average GVW? _____
Do you currently run Cummins products? Yes No **Cummins Rep:** _____

NATURAL GAS EXPERIENCE:

Do you have experience running natural gas? Yes No _____

Number of vehicles in fleet looking to operate on natural gas: _____

Fleet location(s): _____

L9N ___ ISX12N ___ B6.7N ___ HP and Torque required: HP: _____ Torque LB-FT: _____

Planned Application and GVW : _____

NATURAL GAS VEHICLE FUELLING STRATEGY:

Current diesel fuel pricing: _____ Expected natural gas fuel pricing _____

NG Fueling Plan: Private: Public: _____

Expected range between fills: _____ Miles/KM _____ Hours

Is there natural gas available within planned routes? Yes No _____

Is a new station being built for your fleet? Yes No _____

What natural gas fuel will be used? CNG LNG _____

Vehicle Fuel System manufacturer / OEM: _____

Natural Gas Fuel System Capacity (DGE) : _____

Is there a vehicle fuelling training plan? Yes No _____

Is there a fire and safety plan for the fuel station? Yes No _____

NATURAL GAS ENGINE MAINTENANCE:

Who will maintain the NG engines in the fleet? Fleet OEM Cummins

Are you familiar with Cummins service procedures? Yes No _____

Do you have a NG service/training plan? Yes No _____

Are Cummins trained NG technicians available? Yes No _____

Nearest Cummins Service location(s): _____

Do you have a natural gas service facility upgrade plan? Yes No _____

Assessment completed by:

Company:

Email:

Phone:

NOTES/COMMENTS/KEY CUSTOMER INFORMATION:

Return completed form to your Cummins Westport representative or email to info@cumminswestport.com