



Chapter 4
Overview
of Alternative Fuel
Vehicles



**National Alternative Fuels
Training Consortium**

A Program of

 **West Virginia University**

Key Terms and Abbreviations:

Key Terms

Autogas
Bi-fuel
Biodiesel
Converted
Dedicated
Dual-fuel
Electric Drive Vehicles
Ethanol
Hydrogen
Natural Gas
Propane

Abbreviations

AFDC – Alternative Fuels Data Center
BTU – British thermal unit
CNG – Compressed natural gas
BEV – Battery electric vehicle
DOE – U.S. Department of Energy
E10 – 10% Ethanol blend

E15 – 15% Ethanol blend
E20-E30 – 20 to 30% Optimal blend level of ethanol and gasoline
E85 – 85% Ethanol blend
EIA – Energy Information Administration
EPA – Environmental Protection Agency
EV – All Electric Vehicle
FFV – Flexible Fuel Vehicle
GGE – Gasoline gallon equivalent
HEV – Hybrid Electric Vehicle
ICE – Internal Combustion Engine
LNG – Liquefied Natural Gas
LPG – Liquefied Petroleum Gas
NGV – Natural Gas Vehicle
OEM – Original Equipment Manufacturer
PERC – Propane Education & Research Council
PHEV – Plug-in Hybrid Electric Vehicle

Key terms and abbreviations are explained in Chapter 7: Supplemental Materials.



A list of the resources supplied with this module, along with equipment and media requirements, is provided below.

Supporting Resources

PowerPoint Presentation
Module Review Questions

Icons

Located next to corresponding chapter text



Equipment

LCD panel with projection equipment
Personal computer

Media

MS PowerPoint file
Participant manual
Instructor manual



Chapter 4: Overview of Alternative Fuel Vehicles

Table of Contents

Key Terms and Abbreviations	4-ii
An Overview of Alternative Fuel Vehicles	4-1
Overview	4-1
Objectives	4-1
Electric Drive Vehicles	4-2
History of Electric Drive Vehicles	4-2
Hybrid Electric Vehicles (HEVs)	4-3
Advantages of HEVs	4-3
Characteristics of Modern HEVs	4-3
How HEVs Work	4-4
Designs and Configurations	4-5
Plug-in Hybrid Electric Vehicles (PHEVs)	4-6
Designs and Configurations	4-8
Current and Future PHEVs	4-8
Conversions	4-8
Battery Electric Vehicles (BEVs)	4-9
How BEVs Work	4-9
Current and Future BEVs	4-9
Fuel Cell Electric Vehicles (FCEVs)	4-10
How FCEVs Work	4-10
The Fuel Cell	4-11
Current and Future FCEVs	4-13
Common EV Components-Battery Technologies	4-13
High Voltage Battery Pack	4-13
Lead Acid Batteries	4-14
Nickel Metal Hydride Batteries	4-15
Lithium-Ion Batteries	4-15
Common EV Components-Active and Passive Safety Systems	4-17
Warnings and Placards	4-19
Color Coding	4-20
Common EV Components-Power Train Electric Drive Units	4-21
Motor/Generators	4-22
Cooling Systems	4-22
Regenerative Braking	4-23
Electric Vehicle Charging	4-23
Charging Equipment	4-24
Home Charging	4-25
Public Charging	4-25
Gaseous Fuel Vehicles-Compressed Natural Gas (CNG)	4-27
History of Natural Gas Fueled Vehicles	4-27
Chemical Properties	4-28
Compressed Natural Gas Vehicles	4-29



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What is a Compressed Natural Gas Vehicle? 4-29

Current CNG Vehicles 4-29

CNG Vehicle Components 4-30

Fuel Storage Cylinders 4-30

Pressure Relief Device 4-32

Cylinder Valves 4-33

Manual Shutoff Valves 4-34

CNG Infrastructure, Transport, Stations, and Handling 4-35

Refineries 4-35

Compressed Natural Gas Fueling Stations 4-35

Compressed Natural Gas Fueling Station Safety Systems 4-37

Identifying Hazardous Placards for CNG Fueling Stations 4-37

Gaseous Fuel Vehicles-Liquefied Natural Gas (LNG) 4-39

Introduction to Liquefied Natural Gas 4-39

Chemical Properties 4-39

Liquefied Natural Gas Vehicles 4-41

What is a Liquefied Natural Gas Vehicle? 4-41

Current LNG Vehicles 4-42

LNG Vehicle Components 4-42

Internal Combustion Engine 4-42

Fuel Storage Tanks 4-42

Pressure Relief Valves (PRVs) 4-45

Manual Shutoff Valve 4-46

Backflow Check Valve and Excess Flow Valve 4-46

LNG Infrastructure, Transport, Stations, and Handling 4-47

Transporters 4-47

Liquefied Natural Gas Fueling Stations 4-47

Liquefied Natural Gas Fueling Station Safety Systems 4-48

Identifying Hazard Placards for LNG Fueling Stations 4-49

Gaseous Fuel Vehicles-Liquefied Petroleum Gas (LPG) 4-50

Introduction to Liquefied Petroleum Gas 4-50

Chemical Properties 4-50

Liquefied Petroleum Gas Vehicles 4-53

What is a Liquefied Petroleum Gas Vehicle? 4-53

Current LPG Vehicles 4-54

LPG Vehicle Components 4-54

Internal Combustion Engine 4-54

Fuel Storage Tanks 4-54

Pressure Relief Valve 4-57

Propane Shutoff Valve 4-58

LPG Infrastructure, Transport, Stations, and Handling 4-59

Refineries 4-59

Transporters 4-59

LPG Fueling Stations 4-59

Common Fueling Station Safety Systems 4-60



Hydrogen Fueled Vehicles4-61

Introduction to Hydrogen4-61

Chemical Properties4-61

Flammability and Flame4-62

 Hydrogen Flammability4-62

 Hydrogen Flame4-62

States of Hydrogen4-63

 Gaseous Compressed Hydrogen4-63

 Liquid Hydrogen (LH₂)4-63

Hydrogen Powered Vehicles4-64

 What is a Hydrogen Powered Vehicle?4-64

 Internal Combustion Engines4-64

 PEM vs. ICE.4-64

Hydrogen Powered Vehicle Components4-65

 Vehicle Hydrogen Storage4-65

 Liquid Hydrogen4-66

Safety Systems4-66

 Sensors4-66

 Pressure Relief Device (PRD)4-67

Hydrogen Infrastructure, Transport, Stations, and Handling4-68

 Refineries4-68

 Transporters4-68

 Hydrogen Fueling Stations4-68

 Hydrogen Fueling Station Safety Systems4-69

 Identifying Hazard Placards for Hydrogen Fueling Stations4-70

Biofuel Vehicles-Biodiesel4-71

Introduction to Biodiesel4-71

Chemical Properties4-71

 Biodiesel Composition4-71

 Biodiesel Flash Point4-72

 Biodiesel Color and Smell4-74

 Biodiesel Blends4-74

Manufacturing and Production4-74

Biodiesel Vehicles4-74

 What is a Biodiesel Vehicle?4-74

 Internal Combustion Engine4-75

 Diesel-Electric Hybrid Vehicles4-75

 Current Biodiesel Vehicles4-75

Biodiesel Infrastructure, Transport, Stations, and Handling4-76

 Transporters4-76

 Biodiesel Fueling Stations4-77

 Biodiesel Fueling Station Safety Systems4-78

 Identifying Biodiesel Hazard Placards4-78

 Blending4-79

Biofuel Vehicles-Ethanol4-80



- Introduction to Ethanol**4-80
- Chemical Properties**4-80
 - Ethanol Blends.4-81
 - Ethanol Flash Point4-82
- Manufacturing Process and Production**4-83
- Flexible Fuel Vehicles**.....4-83
 - What is a Flexible Fuel Vehicles?4-83
 - Internal Combustion Engine.....4-84
- Ethanol Infrastructure, Transport, Stations, and Handling**4-84
 - Transporters4-84
 - Ethanol Fueling Stations.....4-85
 - Ethanol Fueling Station Safety Systems.....4-85
 - Identifying Ethanol Hazard Placards.....4-86
 - Blending4-86
- Chapter Review Questions**4-89

