

# **Appendix C**

## **Economic Impacts Assessment**

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**LIST OF ACRONYMS AND ABBREVIATIONS USED IN APPENDICES  
C-1, C-2, AND C-3**

<b>Acronym or Abbreviation</b>	<b>Description</b>
3B-MAW	Three-Bin Moving Average Window
50-State	Federal Level
ABT	Averaging, Banking, and Trading
ACT	Advanced Clean Trucks
APU	Auxiliary Power Units
CA	California
CA-ABT	California-Averaging, Banking, and Trading
CARB	California Air Resources Board
CARB or Board	California Air Resources Board
CCR	California Code of Regulations
CE-CERT	College of Engineering – Center for Environmental Research and Technology
CFR	Code of Federal Regulations
DAAAC	Diesel Aftertreatment Accelerated Aging Cycle
DDP	Durability Demonstration Program
DEF	Diesel Exhaust Fluid
DMV	Department of Motor Vehicles
DOC	Diesel Oxidation Catalyst
DPF	Diesel Particulate Filter
EAS	Engine and Aftertreatment System
ECU	Engine Control Unit
EGR	Exhaust Gas Recirculation
EIR	Emissions Information Report
EMA	Truck and Engine Manufacturers Association
EMFAC	Emission Factors Inventory Model
EWIR	Emissions Warranty Information and Reporting
FIR	Field Information Report
FTP	Federal Test Procedure
g/bhp-hr	Grams Per Brake Horsepower-Hour
g/hour	Grams Per Hour
GHG	Greenhouse Gas
GSP	Gross State Product
GVWR	Gross Vehicle Weight Rating
HD	Heavy-Duty
HDHV	Heavy-Duty Hybrid Vehicle
HDIUT	Heavy-Duty In-Use Testing
HDO	Heavy-Duty Otto-Cycle
HDOV	Heavy-Duty Otto-Cycle Engine Vehicle
HHD	Heavy Heavy-Duty
HHDD	Heavy Heavy-Duty Diesel
HHDV	Heavy Heavy-Duty Vehicle

Date of Release: June 23, 2020

Date of Hearing: August 27, 2020

HSC	California Health and Safety Code
ICT	Innovative Clean Transit
ISR	Sacramento Institute for Social Research
LEV III	Low-Emission Vehicle III
LHD	Light Heavy-Duty
LHDD	Light Heavy-Duty Diesel
LHDV	Light Heavy-Duty Vehicle
LLC	Low Load Cycle
MAW	Moving Average Window
MD	Medium-Duty
MDDE	Medium-Duty Diesel Engine
MDOE	Medium-Duty Otto-Cycle Engine
MECA	Manufacturers of Emission Controls Association
MHD	Medium Heavy-Duty
MHDD	Medium Heavy-Duty Diesel
MHDD	Medium Heavy-Duty Diesel
MHDV	Medium Heavy-Duty Vehicle
MIL	Malfunction Indicator Light
MY	Model Year
NAICS	North American Industrial Classification System
NMHC	Non-Methane Hydrocarbons
NO <sub>x</sub>	Oxides of Nitrogen
NREL	National Renewable Energy Laboratory
NTE	Not-to-Exceed
OBD	On-Board Diagnostics
OEM	Original Equipment Manufacturer
PM / PM <sub>2.5</sub>	Particulate Matter
Proposed Regulation	Proposed Heavy-Duty Omnibus Low NO <sub>x</sub> Regulation
REAL	Real Emissions Assessment Logging
REMI	Regional Economic Models, Inc.
RMC	Ramped Modal Cycle
RMC-SET	Ramped Modal Cycle Version of the Supplemental Emission Test
RPC	Regional Purchase Coefficient
SCR	Selective Catalytic Reduction
SIP	State Implementation Plan
SRIA	Standardized Regulatory Impact Assessment
SwRI	Southwest Research Institute
TWC	Three-Way Catalyst
U.S. EPA	United States Environmental Protection Agency
UL	Useful Life
ZEV	Zero-Emission Vehicle

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