

ACRONYMS

AEO	Annual Energy Outlook
AER	Annual Energy Review
AFV	alternative-fueled vehicle
AFVM	Alternative Fuel Vehicle Model
ANL	Argonne National Laboratory
ASHRAE	American Society of Heating, Refrigeration, and Air-conditioning Engineers
BAU	business as usual
BTS	Office of Building Technology, State and Community Programs
Btu	British thermal unit
CAFÉ	corporate average fuel economy
C	carbon
CC	combined cycle
CCTI	Climate Change Technology Initiative
CEF	Clean Energy Future
CHP	combined heat and power
CIDI	compression ignition (diesel) direct injection
CO ₂	carbon dioxide
CRADA	cooperative research and development agreement
CT	combustion turbine
DOE	U.S. Department of Energy
DOT	U. S. Department of Transportation
EERE	Office of Energy Efficiency and Renewable Energy
EIA	Energy Information Administration
EPA	U.S. Environmental Protection Agency
EPACT	Energy Policy Act of 1992
ESCO	energy services company
ESPC	Energy Savings Performance Contract
FAA	Federal Aviation Administration
FEM	Fuel Economy Model
FEMP	Federal Energy Management Program
FY	fiscal year
GDI	gasoline direct injection
GDP	gross domestic product
GHG	greenhouse gas
g/mi	grams per mile
GW	gigawatt
GWP	global warming potential
HVAC	heating ventilation, and air-conditioning
ICE	internal combustion engine
IGCC	integrated gasification combined cycle
IOF	industries of the future
IPP	independent power producer
IPCC	International Panel on Climate Change
kWh	kilowatt-hour
LBNL	Lawrence Berkeley National Laboratory
LDV	light-duty vehicle
LEV	low emission vehicle
MBtu	million Btu

MEC	model energy code
mmbd	million barrels of oil per day
MtC	million metric tons of carbon
MW	megawatt
mpg	miles per gallon
mph	miles per hour
NAECA	National Appliance Energy Conservation Act of 1987
NEMS	National Energy Modeling System
NO _x	nitrogen oxides
NREL	National Renewable Energy Laboratory
OIT	Office of Industrial Technologies
OPEC	Organization of Petroleum Exporting Countries
OPT	Office of Power Technologies
ORNL	Oak Ridge National Laboratory
OTT	Office of Transportation Technologies
PATH	Partnership for Advanced Technology in Housing
PATP	"pay at the pump" auto insurance
PFC	perfluorocarbon
PM	particulate matter
PNGV	Partnership for a New Generation of Vehicles
PNNL	Pacific Northwest National Laboratory
ppm	parts per million
PTC	production tax credit
PV	photovoltaic
Quad	quadrillion Btu (10 ¹⁵ Btu)
R&D	research and development
RD&D	research, development and demonstration
RPS	renewable portfolio standard
SEAB	Secretary's Energy Advisory Board
SO ₂	sulfur dioxide
SUV	sports utility vehicle
tBtu	trillion Btu
TDI	turbocharged direct injection
TPC	technology possibility curve
TWh	TerraWatt-hour
UEC	unit energy consumption
VMT	vehicle miles traveled
VOC	volatile organic compounds