



Appendix C Acronym List

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List of Acronyms

ACM	alternative calculation method
AF	acre feet
ARB	California Air Resources Board
B20	biodiesel (20%)
BOD	biochemical oxygen demand
BMP	best management practice
BTU	British thermal unit
C	carbon
CAFE	corporate average fuel economy
CalEEMod	California Emissions Estimator Model
CAPCOA	California Air Pollution Control Officers Association
CAR	Climate Action Registry
CCAR	California Climate Action Registry
CDWR	California Department of Water Resources
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CEUS	California Commercial End-Use Survey
CGBSC	California Green Building Standards Code
CH ₄	methane
CHP	combined heat and power
CIWMB	California Integrated Waste Management Board
CNG	compressed natural gas
CO	carbon monoxide
CO ₂	carbon dioxide
CO ₂ e	carbon dioxide equivalent
DE	destruction efficiency
DEIR	Draft Environmental Impact Report
DPF	diesel particulate filter
DU	dwelling unit
EF	emission factor
EIA	United States Energy Information Administration
EIR	Environmental Impact Report
EMFAC	on-road vehicle emission factors model
ET ₀	reference evapotranspiration
ETWU	estimated total water use
FCZ	forecasting climate zone
g	gram
gal	gallon
GHG	greenhouse gas
GP	General Plan
GRP	General Reporting Protocol
GUI	graphical user interface
GWP	global warming potential
HA	hydrozone area
HFC	hydrofluorocarbons
HHV	higher heating value
hp	horsepower
HVAC	heating, ventilating, and air conditioning

IE	irrigation efficiency
IPCC	Intergovernmental Panel on Climate Change
ITE	Institute of Transportation Engineers
ITS	intelligent transportation systems
kBTU	thousand British thermal units
kW	kilowatt
kWh	kilowatt-hour
kWh/yr	kilowatt-hours/year
lbs	pounds
LA	landscape area
LADWP	Los Angeles Department of Water and Power
LCA	life cycle assessment
LDA	light-duty auto
LDT	light-duty truck
LED	light-emitting diode
Lf	Load factor
LFM	landfill methane
LGO	Local Government Operation Protocol
LNG	liquefied natural gas
LPG	liquefied petroleum gas
MAWA	maximum applied water allowance
MG	million gallons
MMBTU	million British thermal units
Mph	miles per hour
m	meter
MSW	mixed solid waste
MT	metric tonnes; 1,000 kilograms
MTCE	metric tonnes carbon equivalent
NCDC	National Climatic Data Center
N ₂ O	nitrous oxide
NO _x	nitrogen oxides
NRDC	Natural Resources Defense Council
NREL	National Renewable Energy Laboratory
OLED	organic light-emitting diode
OFFROAD	off-road vehicle emission factors model
PF	plant factor
PG&E	Pacific Gas and Electric
PM	particulate matter
PUP	Power/Utility Protocol
RASS	Residential Appliance Saturation Survey
ROG	reactive organic gases
SCAQMD	South Coast Air Quality Management District
SCE	Southern California Edison
SDGE	San Diego Gas and Electric
SLA	special landscape area
SMAQMD	Sacramento Metropolitan Air Quality Management District
SMUD	Sacramento Municipal Utility District
scf	standard cubic feet
SHP	separate heat and power
SO ₂	sulfur dioxide
SO _x	sulfur oxides

sqft	square feet
TDM	transportation demand management
TDV	time dependent valuation
TOD	transit-oriented development
TOG	total organic gases
Ton	short ton
TRU	truck refrigeration unit
TSP	total suspended particulate
URBEMIS	Urban Emissions Model
US	United States
USDOE	United States Department of Energy
USEPA	United States Environmental Protection Agency
VCAPD	Ventura County Air Pollution Control District
VOC	volatile organic compound
VMT	vehicle miles traveled
VTR	vehicle trip reduction
WARM	Waste Reduction Model
WMO	World Meteorological Organization
WRCC	Western Regional Climate Center
Yd ³	cubic yards
yr	year