

VIII. Acronyms and Abbreviations

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°C	Celsius
°F	Fahrenheit
µg	microgram
µg/m ³	micrograms per cubic meter
µm	micrometer
1992 CO Plan	1992 Federal Attainment Plan for Carbon Monoxide
2016–2040 RTP/SCS	2016–2040 Regional Transportation Plan/Sustainable Communities Strategy
2020 MWD UWMP	2020 Urban Water Management Plan
2020–2045 RTP/SCS	2020–2045 Regional Transportation Plan/Sustainable Communities Strategy
2022 Scoping Plan	Final 2022 Scoping Plan for Achieving Carbon Neutrality
2024–2050 RTP/SCS	Connect SoCal 2024
AAM	annual arithmetic mean
AB	Assembly Bill
ACC II	Advanced Clean Cars II
ADA	Americans with Disabilities Act
AEGLs	acute exposure guideline levels
AER	annual emissions reporting
AES	Acoustical Engineering Services
af	acre-feet
AFV	alternative fuel vehicle
afy	acre-feet per year
AIM	advance infrastructure mitigation

Air Basin	South Coast Air Basin
ALUC	Airport Land Use Commission
APC	area planning commission
AQMP	air quality management plan
AR4	Fourth Assessment Report
AR5	Fifth Assessment Report
ATCMs	airborne toxic control measures
BACT	best available control technology
BEN	bicycle enhanced network
BEV	battery electric vehicle
BLS	basic life support
BMPs	best management practices
BOE	Bureau of Engineering
BRT	bus rapid transit
C ₂ H ₄ F ₂	1,1-Difluoroethane
CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standards
CAFE	corporate average fuel economy
Cal OES	California Governor's Office of Emergency Service
Cal/OSHA	California OSHA
CalARP	California Accidental Release Program
CalEEMod	California Emissions Estimator Model [®]
CalEPA	California Environmental Protection Agency
CALGreen	California Green Building Standards
CALGreen Code	California Green Building Standards Code
California ISO	California Independent System Operator
California Register	California Register of Historical Resources
CALINE4	California LINE Source Dispersion Model, version 4

Caltrans	California Department of Transportation
CAP	climate action plan
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CARB Handbook	<i>Air Quality and Land Use Handbook: A Community Health Perspective</i>
CAS	climate adaptation strategy
CAT	climate action team
CBC	California Building Code
CCAA	California Clean Air Act
CCR	California Code of Regulations
CCUS	carbon capture, utilization, and storage
CDR	carbon dioxide removal
CDTFA	California Department of Tax and Fee Administration
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CEQA Guidelines	State CEQA Guidelines
cf	cubic feet
CF ₄	Tetrafluoromethane
CFR	Code of Federal Regulations
CH ₂ FCF ₃	1,1,1,2-Tetrafluoroethane
CH ₄	methane
CHC	Cultural Heritage Commission
CHF ₃	Fluoroform
City Freeway Guidance	Interim Guidance for Freeway Safety Analysis
City	City of Los Angeles
Climate Registry	Climate Action Registry
CNEL	community noise equivalent level
CNG	compressed natural gas

CNRA	California Natural Resources Agency
CO	carbon monoxide
CO ₂	carbon dioxide
CO ₂ e	equivalent mass of carbon dioxide
Cogstone	Cogstone Resource Management, Inc
Collaborative	California Biodiversity Collaborative
Community Plan	Central City North Community Plan
COMPSTAT	crime control model computer statistics
County	Los Angeles County
CPTED	crime prevention through environmental design
CPUC	California Public Utilities Commission
CTC	California Transportation Commission
CTMP	construction traffic management plan
Cultural Resources Report	<i>Cultural Resources Technical Report</i>
CVC	California Vehicle Code
D	diameter
DASH	Downtown Area Short Hop
dB	decibels
dBA	A-weighted decibels
DCP	Department of City Planning
DDG	Downtown Design Guide
DIVCA	Digital Infrastructure and Video Competition Act of 2006
DNL	day-night average noise level
DOE	Department of Energy
DPM	diesel particulate matter
Dry Utility Report	<i>Dry Utility Technical Report for East End Studios Arts District Campus</i>
DTLA 2040	Community Plan Update
DTLA Historic District	Downtown Los Angeles Industrial Historic District

DTLA	Downtown Los Angeles
du	dwelling units
DWR	Department of Water Resources
EHLF	emergency helicopter landing facility
EIR	Environmental Impact Report
EISA	Energy Independence and Security Act of 2007
EMFAC	EMission FACtor
EMFAC2021	EMFAC 2021 model
EMS	emergency medical service
EPACT92	National Energy Policy Act of 1992
EPCA	Energy Policy and Conservation Act of 1975
ERC	emission reduction credit
ERO	electric reliability organization
EV	electric vehicle
EVSE	electric vehicle supply equipment
FAR	floor-area ratio
FCC	Federal Communications Commission
FEMA	Federal Emergency Management Agency
FERC	Federal Energy Regulatory Commission
FPS	fire preemption system
Framework Element	City of Los Angeles General Plan Framework Element
FTA	Federal Transit Administration
FUA	fuel use act
FYE	fiscal year ending
gal	gallons
General Plan	City of Los Angeles General Plan
GHG	greenhouse gas
GIS	geographical information system

gpd	gallons per day
gpm	gallons per minute
GPR	ground penetrating radar
Green New Deal	Sustainability pLAN
GWh	gigawatt hours
GWP	global warming potential
H ₂ S	hydrogen sulfide
HCM	Highway Capacity Manual [Section IV.I, Transportation]
HCM	historic-cultural monument [Section IV.B, Cultural Resources]
HCS	historic context statement
HDV	heavy duty vehicle
HEPA	high efficiency particulate air
HFCs	hydrofluorocarbons
HIN	high injury network
HMGP	hazard mitigation grant program
HOV	high-occupancy vehicle
HPOZ	historic preservation overlay zone
HQTA	high-quality transit area
HRA	health risk assessment
HSC	Health and Safety Code
HVAC	heating, ventilating, and air conditioning
HWRP	Hyperion Water Reclamation Plant
Hz	hertz
I-5	Golden State Freeway
I-10	Santa Monica Freeway
IFFAR	information of fire flow availability report
in/sec	inches per second
Interstate 5	Golden State Freeway

IPCC	Intergovernmental Panel on Climate Change
IRP	integrated resources plan
ITA	information technology agency
ITE	Institute of Transportation Engineers
kWh	kilowatt hours
LA Green Plan/ClimateLA	<i>Green LA, An Action Plan to Lead the Nation in Fighting Global Warming</i>
LADBS	City of Los Angeles Department of Building and Safety
LADOT	Los Angeles Department of Transportation
LADWP	Los Angeles Department of Water and Power
LAFD	Los Angeles Fire Department
LAMC	Los Angeles Municipal Code
LAPD	Los Angeles Police Department
LASAN	City of Los Angeles Bureau of Sanitation
LBP	lead-based paint
lbs/day	pounds per day
LCFS	low carbon fuel standard
L _{dn}	day-night average sound level
LDV	light duty vehicle
L _{eq}	equivalent sound level
LEV	low-emission vehicle
LID	low impact development
L _{max}	maximum instantaneous noise level
L _{min}	minimum instantaneous noise level
LOS	level of service
LST	localized significance thresholds
LTCP	long-term conservation plan
Mandatory Reporting Rule	Mandatory Reporting of Greenhouse Gas Emissions
mBTU	thousand British thermal units

MDV	medium duty vehicle
Metro	Los Angeles County Metropolitan Transportation Authority
mgd	million gallons per day
MLD	most likely descendant
MMBtu	million British thermal units
MMTCO _{2e}	million metric tons of carbon dioxide equivalents
Mobility Plan	Mobility Plan 2035
MOU	memorandum of understanding
mpg	miles per gallon
mph	miles per hour
MPO	metropolitan planning organization
MPP	Manual of Policies and Procedures
MRR	Mandatory Reporting of Greenhouse Gas Emissions
Mutual Aid Plan	California Fire Service and Rescue Emergency Mutual Aid Plan
MW	megawatts
MWD	Metropolitan Water District
MWh	megawatt-hours
MXD	mixed-use development
N/A	not available
N ₂ O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NAHC	Native American Heritage Commission
National Register	National Register of Historic Places
NEN	neighborhood enhanced network
NERC	North American Electric Reliability Corporation
NF ₃	nitrogen trifluoride
NFPA	National Fire Protection Association
NHMLA	History Museum of Los Angeles County

NHTSA	National Highway Traffic Safety Administration
NMA	neighborhood mobility area
NO ₂	nitrogen dioxide
NOP	Notice of Preparation
NO _x	nitrogen oxide
NPDES	National Pollution Discharge Elimination System
NSR	new source review
NZE	near zero emission
O ₃	ozone
OEHHA	California Office of Environmental Health Hazard Assessment
OEM	Office of Emergency Management
OFFROAD	off-road emissions inventory program
OHP	Office of Historic Preservation
OHR	Office of Historic Resources
One Water LA Plan	One Water LA 2040 Plan
OPR	Office of Planning and Research
OSHA	Occupational Safety and Health Administration
Paleontology Technical Report	Paleontological Resources Technical Report
Pb	lead
PCE	passenger car equivalent
PED	pedestrian enhanced district
PFCs	perfluorocarbons
PGA	priority growth area
PHEV	plug-in hybrid electric vehicle
Plan for a Healthy Los Angeles	Plan for a Healthy Los Angeles: A Health and Wellness Element of the General Plan
PM	particulate matter
PM _{2.5}	fine particulate matter ≤ 2.5 microns

PM ₁₀	particulate matter ≤ 10 microns
ppm	parts per million
PPSI	Pacific Pipeline System, Inc.
PPV	peak particle velocity
PRC	Public Resources Code
PRPA	Paleontological Resources Preservation Act
psi	pounds per square inch
PURPA	Public Utility Regulatory Policies Act of 1978
PVC	polyvinyl chloride
Qfs	qualifying facilities
RASS	residential appliance saturation survey
RENEW LA	Recovering Energy, Natural Resources, and Economic Benefit from Waste for Los Angeles
RFS	renewable fuel standard
RHNA	regional housing needs assessment
RIO	River Improvement Overlay
rm	rooms
RMS	root mean square
ROG	reactive organic compounds
ROW	right-of-way
RPS	renewables portfolio standard
RTP	regional transportation plan
RTP/SCS	2020–2045 Regional Transportation Plan/Sustainable Communities Strategy
SAFE	safer affordable fuel-efficient
Safety Element	City of Los Angeles General Plan Safety Element
SAR	second assessment report [Section IV.E, Greenhouse Gas Emissions]
SAR	service advisory request [Section IV.K.1, Utilities and Service Systems—Water Supply and Infrastructure]

SB	Senate Bill
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SCAR	sewer capacity availability review
SCCIC	South Central Coastal Information Center
SCE	Southern California Edison
SCS	sustainable communities strategy
SEMS	standard emergency management system
sf	square feet
SF ₆	sulfur hexafluoride
SGMA	Sustainable Groundwater Management Act
SIP	state implementation plan
SLCPs	short-lived climate pollutants
SO ₂	sulfur dioxide
SO ₄ ²⁻	sulfates
SoCalGas	Southern California Gas Company
SORE	small offroad engine
SOV	single-occupant vehicle
SO _x	sulfur oxides
SRA	source receptor area
SRO	single room occupancy
Standards	Secretary of the Interior's Standards for the Treatment of Historic Properties
Supreme Court	United States Supreme Court
SurveyLA	City of Los Angeles Historic Resources Survey
SVP	Society for Vertebrate Paleontology
SWP	state water project
SWPPP	Stormwater Pollution Prevention Plan
SWRCB	State Water Resources Control Board

TAC	toxic air contaminant
TAG	transportation assessment guidelines
TBZ	travel behavior zone
TCM	transportation control measure
TDF	travel demand forecasting
TDM	transportation demand management
TDS	total dissolved solids
TEN	transit enhanced network
TIMP	transportation improvement and mitigation plan
TOD	transit-oriented development
TPA	transit priority area
Transportation Assessment	<i>Transportation Assessment for the 6th and Alameda Studio Project</i>
ULARA	Upper Los Angeles River Area
UNFCCC	United Nations Framework Convention on Climate Change
US 101	Santa Ana Freeway
USC	United States Code
USDA	United States Department of Agriculture
USDOE	United States Department of Energy
USDOT	United States Department of Transportation
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
Utility Report	Utility Infrastructure Technical Report: Water, Wastewater, and Energy
UWMP	urban water management plan
VdB	vibration decibels
VEN	vehicle enhanced network
VMT	vehicle-miles traveled
VMT Calculator	City of Los Angeles VMT Calculator

VOCs	volatile organic compounds
W	watts
WAIRE	warehouse actions and investments to reduce emissions
Wh	watt-hours
WSAB	West Santa Ana Branch
WSAP	water supply allocation plan
WSDM Plan	water surplus and drought management plan
WSV	water supply verification
WWSI	wastewater service information
ZE	zero emission
ZEV	zero-emission vehicle
ZIMAS	Zone Information and Map Access System
ZNE	zero net energy